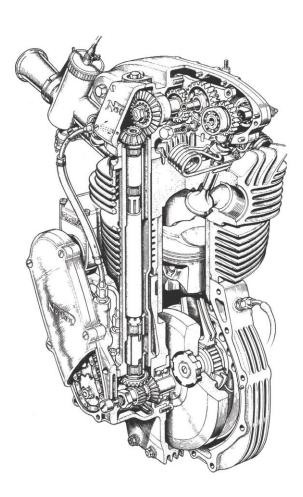
# Argent for SQL Server



www.Argent.com

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### Introduction

Microsoft SQL Server machines are widely-used enterprise database systems. When there are system-wide performance problems, SQL Server machines are often identified as the culprit. Therefore, it is important to constantly monitor SQL Server environments to ensure optimum performance on the entire system.

Argent for SQL Server includes Tool Sets for flexible and real time SQL Server monitoring; supported versions are: SQL 2008, 2008 R2, 2012, 2014, 2016, 2017, 2019 and 2022.

Argent for SQL Server offers **out-of-the-box** discovery, availability, health, and performance tracking. To maintain the health and availability of SQL Server machines, Argent for SQL Server constantly monitors the parameters listed below:

- Memory and CPU utilization
- Locks and Deadlocks
- Database size usage
- Concurrent users
- Indexes
- Buffer and cache
- SQL queries
- Replication details
- Jobs and sessions details

### Log-On Screen

		۲
Argent has been in the systems management business since 1991 and has over 2,000 customers worldwide.	Argent Omega	
Argent is the Industry Leader in Monitoring and Automation Products.		
	User Name	
Read More	Enter Name	
	Password	
	Enter Password	
	Log In	
ARGENT	2.2A-2207-A (Build Version: v2.2.2208.9)	
Copyright © 2	2022 Argent Software. All Rights Reserved	

Argent Omega validates the authenticity of the user through the log-on screen.

Three types of user accounts can logon to Argent Omega:

- Windows User Accounts
- Demo Accounts
- Internal Accounts

Argent Omega uses Windows authentication to login Windows user accounts into Argent Omega. If the Argent server is in an Active Directory Domain environment, then the user will be authenticated by Active Directory. If the server is Standalone, or in a Workgroup, local Windows user authentication is used. For Windows user accounts, the recommended approach is to create a separate user group for Windows users and assign the required rights.

Demo Accounts can be created in the Argent Omega Security section and are used for demonstration purposes. Demo accounts are read-only accounts and it uses Argent private authentication to login into Argent Omega. Usually Demo Accounts has short validity time, and the access is limited to specific IP addresses only

Internal Accounts also can be created in Argent Omega Security section and will behave like a normal Windows account. Use Argent private authentication for login.

Argent Omega user name is case insensitive and Password is case sensitive.

# Home Screen

ARGENT OMEGA	(2.2A-2207-A)			Ç Theme •	<b>رہ کی ک</b> Argent Instant Help About Logout
Q Find any field's name on any screen. For example, t	type 'Status'				
Recently Viewed					
Enterprise View	Alerts	Performance	Events	Compliance	
Products					
-M Global Status	Events	SuperMaps	Network Topology Maps	ि संग Super Console	<b>SLA</b>
Performance Graph	Dashboard	CeoConsole	Control Contro	<b>Х</b> Тор Х	ViewMagic
Scheduled Tasks	Relators	CMDB-X	Tool Sets	Alerts	Calendars
Macros	Monitoring Groups	CO Engines	Security		
Argent Reporter					
Alorts	Compliance	Cross Reference	Miscellaneous	PowerShell	Performance
SLA	SQL Query				

### After logging in, Argent Omega will redirect to Home screen

# Configure SQL Server In CMDB-X

Before running Argent Omega SQL Server Rules, the SQL Server instances need to be configured in the CMDB-X properties section of Licensed Nodes. Argent for SQL Server licenses can be applied only to Windows and Linux servers. To configure SQL Server instances in Windows or Linux server, set the value of **SQL Server Installed** CMDB-X property to **Yes** as shown below:

≡ ARGEN		2.2A-2207-A)			🐣 Home	🔅 Theme 🕶	رم) Argent Instant Help	<b>ි  ්්</b> About Logout
Search				Server Or I	Device Network Group	Scan Network	Properties	✓ 2 <b>+</b> ×
Network Group Or Machine	Туре	Alias	Licensed Suspend	Location	Contact	-	Group Or Key	Value
ATS-2020-111	Windows Server			THIRUVANANTHAPURAM			Name	DND-MFC-SQL
ATS-2020-3	Windows Server		Yes	THIRUVANANTHAPURAM			Licensed Products	Argent Omega for SQL Server
ATS-99	Windows Server		10	THIRUVANANTHAPURAM			Alias	
ATS-ACCOUNTS	Windows Server			THIRUVANANTHAPURAM			Windows Server	
ATS-DOMAIN	Windows Server			THIRUVANANTHAPURAM			Hosting Environment	None
D3PC-14	Windows Server			THIRUVANANTHAPURAM			SNMP Managed	No
D3PC-21	Windows Server			THIRUVANANTHAPURAM			▶ SQL Server Installed	Yes
DASHBOARD	Windows Server			THIRUVANANTHAPURAM			> TCP Parameters	
DB-BUGTRACKER	Windows Server			THIRUVANANTHAPURAM			System Info Caching Minutes	30
DC-001	Windows Server			THIRUVANANTHAPURAM			Monitoring Level	Normal
DESKTOP-AD-HR	Windows Server			THIRUVANANTHAPURAM			Tier	Not Specified
DESKTOP-EDB7VE8	Windows Server			THIRUVANANTHAPURAM			▶ Tag	
DESKTOP-ER9R3GC	Windows Server			THIRUVANANTHAPURAM			Location	THIRUVANANTHAPURAM
DESKTOP-K710708	Windows Server			THIRUVANANTHAPURAM			Contact	
DESKTOP-LKJM0C2	Windows Server			THIRUVANANTHAPURAM			Owner Accounts	
DND-2019-SQLEXP	Windows Server			THIRUVANANTHAPURAM			> Default Settings	
DND-MANTIS	Windows Server			THIRUVANANTHAPURAM			Time Zone Settings	Same as Location
DND-MFC-SQL	Windows Server		Yes	THIRUVANANTHAPURAM			Critical	No
DND-SUPPORT	Windows Server			THIRUVANANTHAPURAM		_	Ignored	No
DND-WEB-SQL-MYS	Windows Server			THIRUVANANTHAPURAM			Logical Dependency	
EX-2013	Windows Server			THIRUVANANTHAPURAM			Display Options	Refresh
EX2016TEST	Windows Server			THIRUVANANTHAPURAM			Display Options	, incom
LocalSecurity	Windows Server			THIBUVANANTHAPUBAM			Group Or Key	Value

To configure the SQL Server instance details, expand the SQL Server installed section by clicking **b** and provide values for following CMDB-X properties:

- Instance Name
- Port (Default 1433)
- Default Database
- Logon
- Password
- Use Trusted Connection

		.2A-2207-A)			👫 Home	🔅 Theme <del>-</del>	্রেঞ্জ Argent Instant Help	<b>ල උර්</b> About Logout
Search				Server Or De	wice Network Group	Scan Network	Properties	✓ S + ×
etwork Group Or Machine	Туре	Alias	Licensed Suspend	Location	Contact	^	Group Or Key	Value
ATS-2020-111	Windows Server			THIRUVANANTHAPURAM		_	Name	DND-MFC-SQL
ATS-2020-3	Windows Server		Yes	THIRUVANANTHAPURAM			Licensed Products	Argent Omega for SQL Server
ATS-99	Windows Server			THIRUVANANTHAPURAM		_	Alias	
ATS-ACCOUNTS	Windows Server			THIRUVANANTHAPURAM			Windows Server	
ATS-DOMAIN	Windows Server			THIRUVANANTHAPURAM			Hosting Environment	None
D3PC-14	Windows Server			THIRUVANANTHAPURAM			SNMP Managed	No
D3PC-21	Windows Server			THIRUVANANTHAPURAM				Yes
DASHBOARD	Windows Server			THIRUVANANTHAPURAM			Instance Name	
DB-BUGTRACKER	Windows Server			THIRUVANANTHAPURAM			Port	Default
DC-001	Windows Server			THIRUVANANTHAPURAM			Default Database	
DESKTOP-AD-HR	Windows Server			THIRUVANANTHAPURAM			Logon	sa
DESKTOP-EDB7VE8	Windows Server			THIRUVANANTHAPURAM			Password	*******
DESKTOP-ER9R3GC	Windows Server			THIRUVANANTHAPURAM			Use Trusted Connection	No
DESKTOP-K710708	Windows Server			THIRUVANANTHAPURAM			Other Instances	
DESKTOP-LKJM0C2	Windows Server			THIRUVANANTHAPURAM			TCP Parameters	
DND-2019-SQLEXP	Windows Server			THIRUVANANTHAPURAM			System Info Caching Minutes	30
DND-MANTIS	Windows Server			THIRUVANANTHAPURAM			Monitoring Level	Normal
DND-MFC-SQL	Windows Server		Yes	THIRUVANANTHAPURAM			Tier	Not Specified
DND-SUPPORT	Windows Server			THIRUVANANTHAPURAM			▶ Tag	
DND-WEB-SQL-MYS	Windows Server			THIRUVANANTHAPURAM			Location	THIRUVANANTHAPURAM
EX-2013	Windows Server			THIRUVANANTHAPURAM			Display Options	Refresh

There is an option to configure multiple SQL Server instances in the same server. To do this, select **Other** 

Instances CMDB-X property and click 🛃 button:

ARGEN	IT OMEGA				A Home	🔅 Theme <del>-</del>		<b>ි                                    </b>
Search				Server Or D	evice Network Group	Scan Network	Properties	✓ 2 + ×
ork Group Or Machine	Туре	Alias	Licensed Suspend	Location	Contact	^	Group Or Key	Value
ATS-2020-111	Windows Server			THIRUVANANTHAPURAM			Name	DND-MFC-SQL
ATS-2020-3	Windows Server		Yes	THIRUVANANTHAPURAM			Licensed Products	Argent Omega for SQL Server
ATS-99	Windows Server		103	THIRUVANANTHAPURAM			Alias	
ATS-ACCOUNTS	Windows Server			THIRUVANANTHAPURAM			▶ Windows Server	
ATS-DOMAIN	Windows Server			THIRUVANANTHAPURAM			Hosting Environment	None
03PC-14	Windows Server			THIRUVANANTHAPURAM		_	SNMP Managed	No
D3PC-21	Windows Server			THIRUVANANTHAPURAM				Yes
DASHBOARD	Windows Server			THIRUVANANTHAPURAM			Instance Name	
DB-BUGTRACKER	Windows Server			THIRUVANANTHAPURAM			Port	Default
DC-001	Windows Server			THIRUVANANTHAPURAM			Default Database	
DESKTOP-AD-HR	Windows Server			THIRUVANANTHAPURAM			Logon	sa
DESKTOP-EDB7VE8	Windows Server			THIRUVANANTHAPURAM			Password	*******
DESKTOP-ER9R3GC	Windows Server			THIRUVANANTHAPURAM			Use Trusted Connection	No
DESKTOP-K710708	Windows Server			THIRUVANANTHAPURAM			Other Instances	
DESKTOP-LKJM0C2	Windows Server			THIRUVANANTHAPURAM			▶ TCP Parameters	
DND-2019-SQLEXP	Windows Server			THIRUVANANTHAPURAM			System Info Caching Minutes	30
DND-MANTIS	Windows Server			THIRUVANANTHAPURAM			Monitoring Level	Normal
DND-MFC-SQL	Windows Server		Yes	THIRUVANANTHAPURAM			Tier	Not Specified
OND-SUPPORT	Windows Server			THIRUVANANTHAPURAM			▶ Tag	
DND-WEB-SOL-MYS	Windows Server			THIRUVANANTHAPURAM			Location	THIRUVANANTHAPURAM

CMDB-X will be expanded to accept the details of another instance as shown below:

≡ ARGEN	IT OMEGA				👫 Home	🔅 Theme <del>-</del>		out Logout	
Search				Server Or D	evice Network Group	Scan Network	Properties	<b>~</b> :	3 <b>+</b> ×
work Group Or Machine	Туре	Alias	Licensed Suspend	Location	Contact	· · · · · · · · · · · · · · · · · · ·	Group Or Key	Value	
ATS-2020-111	Windows Server			THIRUVANANTHAPURAM			Hosting Environment	None	
ATS-2020-3	Windows Server		Yes	THIRUVANANTHAPURAM			SNMP Managed	No	
ATS-99	Windows Server			THIRUVANANTHAPURAM				Yes	
ATS-ACCOUNTS	Windows Server			THIRUVANANTHAPURAM			Instance Name		
ATS-DOMAIN	Windows Server			THIRUVANANTHAPURAM			Port	Default	
D3PC-14	Windows Server			THIRUVANANTHAPURAM			Default Database		
D3PC-21	Windows Server			THIRUVANANTHAPURAM			Logon	sa	
DASHBOARD	Windows Server			THIRUVANANTHAPURAM			Password	*******	
DB-BUGTRACKER	Windows Server			THIRUVANANTHAPURAM			Use Trusted Connection	No	
DC-001	Windows Server			THIRUVANANTHAPURAM					
DESKTOP-AD-HR	Windows Server			THIRUVANANTHAPURAM			↓ Instance#1		
DESKTOP-EDB7VE8	Windows Server			THIRUVANANTHAPURAM			Port		
DESKTOP-ER9R3GC	Windows Server			THIRUVANANTHAPURAM			Default Database		
DESKTOP-K7I0708	Windows Server			THIRUVANANTHAPURAM			Logon	sa	
DESKTOP-LKJM0C2	Windows Server			THIRUVANANTHAPURAM			Password	******	
DND-2019-SQLEXP	Windows Server			THIRUVANANTHAPURAM			Use Trusted Connection	No	
DND-MANTIS	Windows Server			THIRUVANANTHAPURAM			TCP Parameters		
DND-MFC-SQL	Windows Server		Yes	THIRUVANANTHAPURAM			System Info Caching Minutes	30	
DND-SUPPORT	Windows Server			THIRUVANANTHAPURAM			Monitoring Level	Normal	
DND-WEB-SQL-MYS	Windows Server			THIRUVANANTHAPURAM			Tier	Not Specified	
EX-2013	Windows Server			THIRUVANANTHAPURAM			Display Options		Refres
EX2016TEST	Windows Server			THIRUVANANTHAPURAM				_	
LocalSecurity	Windows Server			THIDI BANANTHADI DAM			Group Or Key	Value	

Save the changes and select **Test Connectivity** from right click menu or click from properties to do the

connectivity test to the specified SQL Server instances:

Search				Server Or I	Device Network Group	Scan Network	Properties	✓ S + ×
twork Group Or Machine	Туре	Alias	Licensed Suspend	Location	Contact		Group Or Key	Value
DESKTOP-ER9R3GC	Windows Server			THIRUVANANTHAPURAM			Hosting Environment	None
DESKTOP-K7I0708 DESKTOP-LKJM0C2	Windows Server Windows Server			THIRUVANANTHAPURAM			SNMP Managed	No
				THIRUVANANTHAPURAM				Yes
DND-2019-SQLEXP	Windows Server						Instance Name	
DND-MANTIS	Windows Server		Ver	THIRUVANANTHAPURAM			Port	Default
DND-MFC-SQL	Windows Server		Refresh	THIRUVANANTHAPURAM			Default Database	
DND-SUPPORT	Windows Server		Suspend Monitoring	IRUVANANTHAPURAM			Logon	50
DND-WEB-SQL-MYS	Windows Server		Reactivate	IRUVANANTHAPURAM			Password	*******
EX-2013	Windows Server			IRUVANANTHAPURAM			Use Trusted Connection	No
EX2016TEST	Windows Server		Save Changes	IRUVANANTHAPURAM			Other Instances	10
LocalSecurity	Windows Server		Undo	IRUVANANTHAPURAM			TCP Parameters	
LocalWebService	Windows Server		Add Property	IRUVANANTHAPURAM				30
MFC-WIN10-TEST-	Windows Server		Delete	IIRUVANANTHAPURAM			System Info Caching Minutes	
OMEGA-1	Windows Server		Discover Neighbor Links	IIRUVANANTHAPURAM			Monitoring Level	Normal
OMEGA-2	Windows Server		Wireless Clients	IIRUVANANTHAPURAM			Tier	Not Specified
OMEGA-3	Windows Server		Device Configuration Backups	IRUVANANTHAPURAM			▶ Tag	
OMEGA-4	Windows Server		Set Critical Flag	IRUVANANTHAPURAM			Location	THIRUVANANTHAPURAM
OMEGA_TEST_5	Windows Server		Set Ignore Flag	IRUVANANTHAPURAM			Contact	
QA-TEST	Windows Server		Manually Add Server Or Device	IRUVANANTHAPURAM			Owner Accounts	
QA-TEST-001	Windows Server		Test Connectivity	RUVANANTHAPURAM			Default Settings	
SQL-2016	Windows Server			E UVANANTHAPURAM			Time Zone Settings	Same as Location
SQL-2019	Windows Server		Bulk Licensing				Display Options	
SQL-TLS	Windows Server		Export To Excel CSV	IRUVANANTHAPURAM				
TEST	Windows Server		Backup CMDB-X Database	IRUVANANTHAPURAM			Group Or Key	Value
TEST-2012R2-MFC	Windows Server		Restore	IRUVANANTHAPURAM			Show Objects	All
TEST-DATACENTER	Windows Server			THIRUVANANTHAPURAM			Network Group	*
TEST-QA-2	Windows Server			THIRUVANANTHAPURAM			Monitoring Group	•
TEST-VM-VS2019	Windows Server			THIRUVANANTHAPURAM			Туре	•

Example of a successful Connectivity Test Result:

06:27:46 -	· [VALID] Full Access	
06:27:46 - 06:27:46 -	Test 12: Access to Admin Share [VALID]	
06:27:48 -	- Test 13: Access of WMI Name Space '\root\cimv2' - [VALID] OS Version: Microsoft Windows Server 2016 Standard :30) Chennai, Kolkata, Mumbai, New Delhi	
06:27:53 -	- Test 14: Access of PowerShell Remoting - [VALID] OS Version: :30) Chennai, Kolkata, Mumbai, New Delhi	
	Test 15: Access Of SQL Server 'DND-MFC-SQL' [VALID] System Time = Thu, 02 Jun 2022 06:27:54 (UTC)	
UPDATED F	Property 'Operating System': Microsoft Windows Server 2016 Standard Property '64-bit OS': Yes Property 'Time Zone': (UTC+05:30) Chennai, Kolkata, Mumbai, New Delhi Property 'Davlight Saving Time': No	
	Print	

### Tool Sets For SQL Server

Argent for SQL Server includes Instant Best Practices for monitoring critical performance metrics, configuration settings, structural issues, and resource usage of Microsoft SQL Server hosts.

Argent for SQL Server includes the following sets of Rules:

- Connectivity Rules
- SQL Job Rules
- Database Backup Rules
- Database Integrity Check Rules
- SQL Concurrent Users Rules
- SQL Lock Rules
- SQL DB Space Rules
- SQL Log Space Rules
- SQL Processor Usage Rules
- SQL IO Usage Rules
- SQL Query Rules
- System Service Rules
- Slow Running Trigger Rules
- Slow Running Procedure Rules
- Offline Database Rules
- Long Running Open Transactions Rules

The following section is a detailed description of Argent Omega Rules to monitor the performance of SQL

Server instances:

### SQL Query Rules

These Rules execute a single customizable SQL statement, stored procedure, or a Transact-SQL block on a specified SQL Server instance or database. In other words, the Argent Query Rules are essentially a product-within-a-product; you can use these Rules to do whatever you want, to monitor whatever you want.

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▼ 📶 Tool Sets	Due Outline							-
🕨 🔚 Argent Omega Baseline	Run Options     SQL Statement	Stored Procedure	Transact-SQL					
Argent Compliance Automator	SQL Statement	Stored Procedure	Transact-SQL					
🕨 🔚 Argent Omega Web Defender	SELECT cpu,physical_io,spid,getdate() as t	me						
Argent Omega for Microsoft 365	FROM sysprocesses WHERE spid <>@@spid							
Argent Omega for SNMP								
▼ 🛀 Argent Omega for SQL Server								
▼ 🐸 SQL Query Rules								
QUERY_CHECK	Database Name: master	('*' and '?' Are Allowed)	🔽 Save Performance Dat	a Of Numeric Colu	umn	1		
SQL Logon Rules	Filter Instances:	Exclude Specified Instances	Object Name:	Processor		-		
SQL Job Rules		conds (Value 0 for Default)	Counter Name:			_		
Concurrent User Rules				Accumulativ	e CPU Usage			
SQL Lock Rules	Check Option: Check All Rows	<b>→</b>	Instance Name:	Column 3		-		
SQL Deadlock Rules	Comparison Column: 0 🛟 (W	hen Firing Events Separately)	Only Save The First Ro	w Of Query Resul	lts			
🕨 🔚 Database Backup Rules	1							
Database Integrity Check Rules	Rule Is Not Broken If The Following Co	onditions Are True			· · · ·		) OR 🕇	L -
SQL Processor Usage Rules	Numeric(\$1) Greater Than 60000							
SQL IO Usage Rules								
Database Size Rules								
Transaction Log Size Rules								
Query Blocked Process Rules								
Query Runaway Process Rules								
🕨 🔚 Runaway Query Rules	Rule Is Broken If Failed To Connect T	o SQL Server Send Query Result	As Email Attachment In CSV Form	at				
In Process Runaway Query Rules	Rule Is Broken If Any Error Occurred	When Testing Rule	Send Attachment To					
Blocked Query Rules								
Slow Running Trigger Rules	Include The Complete Query Result	Ignore Attachment I	f Size Is Greater Than	0 💭 МВ				
Slow Running Procedure Rules	Show Actual Query In Alerts	Attachment File Nam	ie:					
Average Fragmentation In Percent Rules	Show Query Result In Tabular Forma	t i i i i i i i i i i i i i i i i i i i						
Offline Database Rules	Save Performance Data To The Arger	t Forecaster Using Data Store: {default}	_					
Security Rules	Tag 1:							

The execution of configured SQL is expected to return a record set and is checked according to configured

### Check Option:

- Rule is not broken if any row is returned.
- Rule is broken if any row is returned.
- Rule is not broken if any row satisfies the condition further described below.
- Check all rows (i.e. all rows must satisfy the condition to pass the check) further described below.

With the last two Rules, additional configuration is necessary. This is done in the area marked below:

					**		RS
ARGENT OME	GA (2.2A-2207-A)		f Ho	Ne Theme 🕶	<b>ر»</b> Argent Instant Help	? About	<b>U</b> Logout
♥ 🚰 Tool Sets ▶ 📷 Argent Omega Baseline	Run Options     SQL Statement	Stored Procedure	Transact-SQL				
Argent Compliance Automator     Argent Omega Web Defender     Argent Omega for Microsoft 365     Argent Omega for SMMP     Argent Omega for SQL Server     SQL Query Rules	SELECT cpu,physical_io,spid,getdate() as RROM sysprocesses WHERE spid <>@@spid						
QUERY_CHECK     ide SQL Logon Rules     ide SQL SoB Rules     ide Concurrent User Rules     ide SQL Lock Rules     ide SQL Lock Rules	Check Option: Check All Row	("** and "?' Are Allowed) Exclude Specified Instanc conds (Value 0 for Default)	Save Performance Object Name: Counter Name: Instance Name: Only Save The Firs	Processor Accumulative Column 3	CPU Usage		
E Database Backup Rules      Database Integrity Check Rules      SQL Processor Usage Rules      SQL 20 Usage Rules      Database Size Rules      Transaction Log Size Rules      Query Blocked Process Rules      Query Runaway Process Rules	Rule IS Not Broken If The Following G Numeri(\$1) Graster Than 60000	conditions Are True			÷	<b>×</b> (	) ( OR ( 🕇 ) 🕹
Guery Humaway Query Rules     In Process Runaway Query Rules     In Process Runaway Query Rules     Islow Running Trigger Rules     Islow Running Procedure Rules     Islow Running Procedure Rules     Average Fragmentation In Percent Rules     Islow Runabase Rules     Iso Security Rules	Rule Is Broken If Failed To Connect     Rule Is Broken If Any Error Occurre     Include The Complete Query Result     Show Actual Query In Alerts     Show Query Result In Tabular Form     Save Performance Data To The Arge     Tag 1:	d When Testing Ru Ignore Attachmen Attachment File N	It As Email Attachment In CSV Fi e Send Attachment To If Size Is Greater Than ame:	ormat			

### Define the condition with the following dialog box:

■ ARGENT OME	GA (2.2A-2207-A)		A Home	🔅 Theme <del>-</del>	<b>्रिं</b> ) Argent Instant Help	<b>?</b> About L	<b>ഗ</b> ogout	RS3S
	Run Options         ● SQL Statement         SELECT cpu.physical_logspid.getdate() as tme         FROM sysprocesses         WHERE spid <>@@spid         Database Name:         SQL Time Out:         Check Option:         Comparison Colur         Rule 1s hot Broken         Numeric(\$1) Greater That	Stored Procedure  Number Is Based On One)  Less Than  And  Less Than	Transact-SQL (EC.3)	very Results	CPU Usage		) ] OR [ ↑ ]	•
SQL Lock Rules     SQL Deadlock Rules     Database Backup Rules     Database Integrity Chack Rules     SQL Processor Usage Rules     SQL 10 Usage Rules     SQL 10 Usage Rules     Transaction Log Size Rules     Transaction Log Size Rules     Court Rules     SQL Process Rules	Rule Is Broken If Failed To Connect To SQL Server     Rule Is Broken If Any Error Occurred     Include The Complete Query Result     Show Actual Query In Alerts     Show Query Result In Tabular Format     Save Performance Data To The Argent Forecaster U     Tag 1:	When Testing Rule Ignore Attachment Attachment File Na	It As Email Attachment In CSV Form e Send Attachment To If Size Is Greater Than Imme: T	at 0 🂭 MB				

Multiple conditions can be specified, optionally combined with **OR** clause. If there is no **OR** specified, an **AND** is implied.

The returned data can be saved to the Argent Forecaster. To configure this option, use Save Performance Data of Numeric Column option. The Argent Forecaster is Argent's integrated trend analysis and capacity planning tool.

= ARGENT OME	GA (2.2A-2207-A)		A Hom	e Theme -	<b>ে</b> ") Argent Instant Help	? About	<b>U</b> Logout	RS3S
	Run Options     SQL Statement  SELECT cpu,physical_jo.spid,getdate() as tme FROM vsyscesses WHERE spid <>@@spid	Stored Procedure	Transact-SQL					
SQL Query Rules     QUEXY_CRECK     SQL Logon Rules     SQL Dob Rules     SQL Dob Rules     SQL Dob Rules     SQL Dck Rules     SQL Dck Rules     SQL Dabbase Backup Rules		g Events Separately)	Save Performance Da Object Name: Counter Name: Instance Name: Only Save The First f	Processor Accumulative Column 3	e CPU Usage			
In Database Integrity Check Rules     SQL Processor Usage Rules     SQL IO Usage Rules     Database Size Rules     Database Size Rules     Query Blocked Process Rules	Rule 16 Not Broken 1f The Following Conditions	Are True			•	× (	) OR 🕇	
Guery Runaway Process Rules     Guery Runaway Query Rules     Guery Rules     Guery Rules     Guery Rules     Good Query Rules     Good Running Trigger Rules     Good Running Procedure Rules     Good Running Fragmentation In Percent Rules     Gooffline Database Rules     Gooffline Database Rules     Gooffline Rules	Rule Is Broken If Failed To Connect To SQL Ser     Rule Is Broken If Any Error Occurred     Include The Complete Query Result     Show Actual Query In Alerts     Show Query Result In Tabular Format     Shave Performance Data To The Argent Forecast     Tag 1:	When Testing Rule Sen Ignore Attachment If Si Attachment File Name:		nat 0 🖉 MB				

### SQL Logon Rules

This Rule performs a test logon to the SQL Server instance and verifies that the SQL Server machine is running and is accessible over the network.

■ ARGENT OME	GA (2.2A-2207-A)	🕋 Home	🔅 Theme 🕶	<b>(*)</b> Argent Instant Help	<b>?</b> About	<b>U</b> Logout	RS4S
	Rule Is Broken If The Connectivity Of Specific SQL Database Instance Fails         Filter Instances: <ul> <li>("" And "?" Are Allowed, Use Comma As Separator For Multiple Instances, Leave Blank For The Default</li> <li>SQL Timeout:</li> <li>30 Seconds</li> <li>Save Performance Data To The Argent Forecaster Using Data Store:</li> <li>(default)</li> <li>Tag 1:</li> <li>Tag 2:</li> <li>Tag 3:</li> <li>Post Event Even If The Same Event Is Still Outstanding (Unanswerd)</li> </ul> <ul> <li>Post Event Even If The Same Event Is Still Outstanding (Unanswerd)</li> </ul> <ul> <li>Save Performance Data To The Argent Forecaster Using Data Store:</li> <li>(default)</li> <li>(default)</li> </ul> <ul> <li>(Default)</li> <li>(Default)</li> <li>(Default)</li> <li>(Default)</li> <li>(Default)</li> <li>(Default)</li> </ul>	Instances)					
	Do So Only After 1 Hour 0 Minutes Since Event Is Post Ignore The Same Outstanding Event If Alerts Were Fired More Than 1 Hour 0 Minutes Ago Post Event Only After Rule Is Broken 2 Or More Times Reset Counter After Event Is Post After Event Is Answered After The Actual Condition Is Corrected						
Catabase Size Rules  Catabase Size Rules  Catabase Size Rules  Query Runaway Process Rules  Query Runaway Query Rules  In Process Runaway Query Rules  Siow Running Trigger Rules  Siow Running Trigger Rules  Average Fragmentation In Percent Rules  Catabase Rule  Catabase Rule  Catabase Rule  Catabase Rule  Catabase Rule  Catabase Rule  Catabase Ru	Application: Reference URL: Console Comment: The Connectivity Of Specific SQL Database II Description: Description: Determines 1 SQL server can be connected through SQL SMO APIs. The SQL logon information should be specified in the CMDB-X node properties window					Full :	Screen
Gffline Database Rules							

### SQL Job Rules

A SQL Job is a specified series of operations performed sequentially by the SQL Server Agent. A job can perform a wide range of activities, including running Transact-SQL scripts, command prompt applications, Microsoft ActiveX scripts, etc. Argent for SQL Server provides built-in Rules to monitor SQL Server Jobs. These Rules can be configured to Alert for the following status of any specified SQL Job:

- Failed
- Cancelled
- Succeeded
- In Progress
- Unknown

■ ARGENT OME	GA (2.2A-2207-A)	A Home	🔅 Theme <del>-</del>	<b>(</b> ٹ) Argent Instant Help	? About	<b>U</b> Logout	RS4S
▼ 📶 Tool Sets	SOL Job Names: * ('*' And '?' Are Allowed)						
🕨 🕍 Argent Omega Baseline							
Argent Compliance Automator	Rule Is Broken If Following Condition Is Met By Any Job						
Argent Omega Web Defender	Last Run Status Of SQL Job Is One Of Selected						
Argent Omega for Microsoft 365	Failed Cancelled		📃 Unk	nown			
Argent Omega for SNMP	Succeeded In Progress						
💌 🕍 Argent Omega for SQL Server							
SQL Query Rules	🖌 Ignore Job With Last Run Time 🛛 Later Than 🚽 7 🗘 Days 🚽						
SQL Logon Rules	Rule Is Broken If Job Has Been Running For More Than						
🔻 🔚 SQL Job Rules	Exclude Disabled Jobs						
SQLJOB_CHECK_FAILED_JOBS	Filter Instances:						
Concurrent User Rules							
SQL Lock Rules	("" And '?' Are Allowed, Use Comma As Separator For Multiple Instances, Leave Blank For Th SQL Timeout: 30 Seconds	te Derault Instances)					
SQL Deadlock Rules							
🕨 🚧 Database Backup Rules	Rule Is Broken If Failed To Connect To Server						
🕨 🐸 Database Integrity Check Rules	Rule Is Broken If Any Error Occurred						
SQL Processor Usage Rules	Save SLA Information To The Argent Predictor						
🕨 🐸 SQL IO Usage Rules	Save Performance Data To The Argent Forecaster Using Data Store: {default}						
🕨 📁 Database Size Rules	Taq 1:						l.
Transaction Log Size Rules	Tag 2:						
Query Blocked Process Rules							
🕨 🚞 Query Runaway Process Rules	Tag 3:						
🕨 🚞 Runaway Query Rules	Post Event Even If The Same Event Is Still Outstanding (Unanswered)						
🕨 🗀 In Process Runaway Query Rules	Do So Only After 1 Hour 0 Minutes Since Event Is Post						
Blocked Query Rules	Ignore The Same Outstanding Event If Alerts Were Fired More Than	10					
🕨 🔚 Slow Running Trigger Rules	Post Event Only After Rule Is Broken 2 Or More Times						
Slow Running Procedure Rules							
Average Fragmentation In Percent Rules	Reset Counter						
🕨 💴 Offline Database Rules	After Event Is Post     After Event Is Answered						
Security Rules	After Event Is Answered     After The Actual Condition is Corrected						

Configure option Ignore Job With Last Run Time to ignore older jobs.

Configure option Rule Is Broken If Job Has Been Running More Than to identify slow running jobs.

## Concurrent User Rules

These Rules monitor the number of users connected to the SQL Server machine at any one time. You can use this Rule to monitor the number of connected users to either the whole of the SQL Server on the machine, or to an individual database.

■ ARGENT OME	GA (2.2A-2207-A)			🚮 Home	🔅 Theme -	<b>(</b> *) Argent Instant Help	? About	<b>U</b> Logout	RS5S
<ul> <li>✓ Iool Sets</li> <li>➤ Argent Omega Baseline</li> <li>➤ Argent Compliance Automator</li> </ul>	Save Predictor Data Only	r Connections Are Greater Than Threshold –							
Argent Omega Web Defender   Argent Omega for Microsoft 365    Argent Omega for SNMP     Argent Omega for SQL Server	Threshold 1 (Critical): Threshold 2 (Medium Priority): Threshold 3 (Low Priority):	100 ♀         Not Used           0 ♀         ✓ Not Used           0 ♀         ✓ Not Used							
In SQL Query Rules     In SQL Logon Rules     SQL Job Rules     In SQL Job Rules     In Concurrent User Rules     In Concurrent User Rules	Check SQL Database Specific Database The Whole SQL Server	master ("	*' And '?' Are Allowed, Leave Blan	k For The Default I	Database)				
CU_LOW_PRIORITY  CU_MEDIUM_PRIORITY  CU_REPORTING_ONLY  SQL Lock Rules	Check Concurrent User Connection	('*' And '?' Are Allowed, Use Comma As Separate	Exclude Specified Instances	llank For The Defa	ult Instances)				
<ul> <li>M SQL Deadlock Rules</li> <li>M Database Backup Rules</li> <li>M Database Integrity Check Rules</li> </ul>	SQL Timeout:								
Catabase integrity circle rules     Catabase integrity circle rules     Catabase Rules     Catabase Size Rules     Catabase Size Rules	Save Performance Data For Each 1	Individual Database							
Query Blocked Process Rules      Query Runaway Process Rules      Query Runaway Query Rules      In Process Runaway Query Rules	Tag 2: Tag 3: Post Event Even If The Same Even Do So Only After								
In Process Rulaway Quely Rules     Im Process Ruleway Rules     Im Slow Running Trigger Rules     Im Slow Running Procedure Rules	Ignore The Same Outstanding Eve Post Event Only After Rule Is Brok	ent If Alerts Were Fired More Than	Hour 0 🗘 Minutes Ago						

The option **Save Predictor Data Only** saves the connected user count to Argent Forecaster only. No Alerts will be fired.

Specify threshold in **Rule Is Broken If Concurrent User Connections Are Greater Than Threshold** section.

### SQL Lock Rules

These Rules monitor the number of locks being held by SQL Server. Both exclusive only and all locks can be monitored. You can use this Rule to monitor the number of locks to either the whole of SQL Server on the machine, or to an individual database:

■ ARGENT OME	A (2.2A-2207-A) A (2.2A-2207-A) A (2.2A-2207-A)
Im Tool Sets      Argent Omega Baseline      Argent Compliance Automator      Argent Omega Neb Defender      Argent Omega for Microsoft 365      Argent Omega for SNMP      Argent Omega for SNMP      Argent Omega for SQL Server      Argent Omega for SQL Serve	Rule Is Broken If System Has Locks Greater Than Threshold         Threshold 1 (Critical):       10 0 Not Used         Threshold 2 (Medium Priority):       0 0 0 Not Used         Threshold 3 (Low Priority):       0 0 0 0 Not Used
SQL Logon Rules     SQL Job Rules     GOL Job Rules     GOL Concurrent User Rules     SQL Lock Rules	Check SQL Database         Specific Database         master         (*** And '?' Are Allowed, Leave Blank For The Default Database)         The Whole SQL Server
LOCK_CRITICAL  LOCK_LOW_RRIORITY  LOCK_MEDIUM_PRIORITY  LOCK_REPORTING_ONLY  LOCK_DEADdick Rules	Get Exclusive Locks Check Locks For Each Individual Database Filter Instances: (** And '?' Are Allowed, Use Comma As Separator For Multiple Instances, Leave Blank For The Default Instances)
	SQL Timeout:     30     Minutes       If Rule Is Broken If Failed To Connect To Server       Rule Is Broken If Any Error Occurred
In Catabase Size Rules     In Catabase Size Rules     In Catabase Size Rules     In Query Blocked Process Rules     Query Runaway Process Rules     Runaway Query Rules	Save Performance Data For Each Individual Database         Save Performance Data To The Argent Forecaster Using Data Store:       (default)         Tag 1:
In Process Runaway Query Rules     Im Blocked Query Rules     Im Blocked Query Rules     Im Slow Running Trigger Rules     Im Slow Running Procedure Rules	Post Event Even If The Same Event Is Still Outstanding (Unanswered) Do So Only After 1 Minutes Since Event Is Post Ignore The Same Outstanding Event If Alerts Were Fired More Than 1 Hour 0 Minutes Ago Post Event Only After Rule Is Broken 2 Or More Times

The option **Save Predictor Data Only** saves the SQL lock count to Argent Forecaster only. No Alerts will be fired.

Specify threshold in Rule Is Broken If System Has Locks Greater Than Threshold section.

### SQL Deadlock Rules

These Rules alert when any Deadlocks are detected in SQL Server. You can use this Rule to check the Deadlocks in a specific database or in the whole of SQL Server on the machine.

■ ARGENT OME	GA (2.2A-2207-A)			😭 Home	🔅 Theme 🕶	<b>(</b> ٹ) Argent Instant Help	? About	<b>U</b> Logout	RS7S
Tool Sets     Gardent Omega Baseline     Gardent Compliance Automator	Rule Is Broken If Any Deadloo	ks Are Detected							
Argent Omega Web Defender     Argent Omega for Microsoft 365     Argent Omega for SMMP	<ul> <li>Specific Database</li> <li>The Whole SQL Server</li> </ul>	master	('=' And '?' Are Allowed, Leave Blank F	or The Default	Database)				
Argent Omega for SNMP     Argent Omega for SQL Server     If SQL Query Rules     SQL Logon Rules	SQL Timeout: Filter Instances:	30 Seconds	Exclude Specified Instances	ik For The Defa	ult Instances)				
	Tag 1: Tag 2: Tag 3: Post Event Even If The Same Do So Only After	curred Argent Forecaster Using Data Store: Event Is Still Outstanding (Unanswered Hour							
Query Bucket Process Rules     Query Runaway Process Rules     Query Rules     In Process Runaway Query Rules     Bicked Query Rules     Slow Running Trigger Rules     Slow Running Trigger Rules     Slow Running Procedure Rules	Reset Counter  After Event Is Post  After Event Is Answered  After The Actual Condition Is  Application:	Corrected							
Sow Rulling Procedure Rules     Market Rules     Giffine Database Rules     Market Rules	Reference URL:	Deadlocks Detected ***							

# Database Backup Rules

These Rules alert when database last backup time exceeds the specified threshold limit:

■ ARGENT OME	GA (2.2A-2207-A)		A Home	🔅 Theme <del>-</del>	<b>ে</b> ) Argent Instant Help	? About	<b>U</b> Logout	RSBS
<ul> <li>▼ Image: Tool Sets</li> <li>&gt; Image: Tool Sets</li> </ul>	Rule Is Broken If Database B	ickup Is Due						Ê
Argent Compliance Automator     Argent Omega Web Defender     Argent Omega Web Defender	Database Name:	master (** And *?' Are Allowed,Use Comma As Separator For Multiple Databases, Leave Blan	k For The Defa	ult Database)				
<ul> <li>Argent Omega for SNMP</li> <li>Argent Omega for SQL Server</li> </ul>	Database Backup Interval: Filter Instances:							
<ul> <li>M SQL Query Rules</li> <li>M SQL Logon Rules</li> <li>M SQL Job Rules</li> </ul>	SQL Timeout:	(*** And '?' Are Allowed, Use Comma As Separator For Multiple Instances, Leave Blan	k For The Defa	ult Instances)				
Concurrent User Rules     SQL Lock Rules	Rule Is Broken If Failed To Co	courred						
	Tag 1:	e Argent Forecaster Using Data Store: (default)						
	Tag 2:							
SQL IO Usage Rules	Do So Only After 1	Event Is Still Outstanding (Unanswered) Hour Minutes Since Event Is Post						
<ul> <li>Internation Log Size Rules</li> <li>Query Blocked Process Rules</li> <li>Query Runaway Process Rules</li> </ul>	Post Event Only After Rule Is	I Event If Alerts Were Fired More Than 1 Hour 0 Minutes Ago Broken 2 0 Or More Times						
Runaway Query Rules     In Process Runaway Query Rules     Blocked Query Rules     Slow Running Trigger Rules	Reset Counter     After Event Is Post     After Event Is Answered     After The Actual Condition Is	Corrected						
<ul> <li>Slow Running Procedure Rules</li> <li>Average Fragmentation In Percent Rules</li> </ul>	Application:							
Image: Security Rules	Console Comment:	base Backup Is Due - Over 5 Days						

There is an option to specify the Database Name. Multiple databases can be specified by separating

commas. Leave it blank to use the default database configured in CMDB-X.

By checking Exclude Specified Database option, the Rule checks the last backup status of all databases in

SQL Server, except the databases specified in **Database Name** field.

Specify backup interval in **Database Backup Interval**.

# **Database Integrity Check Rules**

These Rules alert when the last database Integrity Check time exceeds the specified threshold limit:

■ ARGENT OME	GA (2.2A-2207-A)	👫 🏠 🌔 🧭 🕑 Home Theme - Argent Instant Help About Logout
▼ 📶 Tool Sets	Rule Is Broken If Database Inte	
🕨 🚧 Argent Omega Baseline	Rule 15 Broken 11 Database Inte	gnty theck is bae
Argent Compliance Automator	Database Name:	master
🕨 🔚 Argent Omega Web Defender	Database Name.	("" And "? Are Allowed,Use Comma As Separator For Multiple Databases, Leave Blank For The Default Database)
🕨 🕍 Argent Omega for Microsoft 365		Exclude Specified Databases
Argent Omega for SNMP	Integrity Check Interval:	
💌 🕍 Argent Omega for SQL Server	Integrity check Interval:	5 🗘 Days 0 🗘 Hours 0 🗘 Minutes
SQL Query Rules	Filter Instances:	Exclude Specified Instances
SQL Logon Rules		(*** And '?' Are Allowed, Use Comma As Separator For Multiple Instances, Leave Blank For The Default Instances)
SQL Job Rules	SQL Timeout:	30 💲 Seconds
Concurrent User Rules	Rule Is Broken If Failed To Conr	ect To Server
SQL Lock Rules	Rule Is Broken If Any Error Occ	irred
SQL Deadlock Rules		Argent Forecaster Using Data Store: {default}
🕨 🚞 Database Backup Rules	Tag 1:	Njeni Urezatel Gang Data Store. (Genand)
👻 🔚 Database Integrity Check Rules	Tag 2:	
BITY_CHECK		
SQL Processor Usage Rules	Tag 3:	
🕨 🐸 SQL IO Usage Rules	Post Event Even If The Same Ev	rent Is Still Outstanding (Unanswered)
🕨 🚞 Database Size Rules	🗌 Do So Only After 🛛 1 🗘	Hour a 😂 Minutes Since Event Is Post
Transaction Log Size Rules	Ignore The Same Outstanding E	vent If Alerts Were Fired More Than 1 🗧 Hour 0 🚍 Minutes Ago
Query Blocked Process Rules	Post Event Only After Rule Is Br	oken 2 Or More Times
🕨 🔚 Query Runaway Process Rules		
🕨 🔚 Runaway Query Rules	Reset Counter	
🕨 🔚 In Process Runaway Query Rules	After Event Is Post	
Blocked Query Rules	After Event Is Answered     After The Actual Condition Is Co	
Slow Running Trigger Rules	Arter The Actual Condition Is Co	neceo
Slow Running Procedure Rules	Application:	
Average Fragmentation In Percent Rules	Reference URL:	
Offline Database Rules		
Security Rules	Console Comment: Databa	se Integrity Check Is Due - Over 5 Dz

There is an option to specify the Database Name. Multiple databases can be specified by separating

commas. Leave it blank to use the default database configured in CMDB-X.

By checking Exclude Specified Database option, Rule checks last backup status of all databases in SQL

Server except the databases specified in **Database Name** field.

Specify integrity check interval in Integrity Check Interval.

### SQL Processor Usage Rules

These Rules monitor the CPU usage per database. It is worth mentioning that SQL Server does not update these statistics in real time:

	■ ARGENT OME	<b>GA</b> (2.2A-2207-A)		🐣 Home	🔅 Theme <del>-</del>	<b>(</b> *) Argent Instant Help	? About	<b>U</b> Logout	RS22S
> Database Backup Rules Filter Instances:   > Database Integrity Check Rules   > Database Integrity Check Rules   > SQL Processor Usage Rules   SQL Processor Usage Rules   SQLPU_RUTICAL   SQL RULes   Tag :   SQL RULes   SQ	Argent Omega Baseline   Argent Compliance Automator   Argent Omega for Microsoft 365   Argent Omega for SNL  Argent Omega for SQL  Server   SQL Query Rules   SQL Job Rules   COLOR RULES    COLOR RULES    COLOR RULES    COLOR RULES    COLOR RULES    COLOR RULES    COLOR RULES    COLOR RULES    COLOR RULES    COLOR RULES     COLOR RULES     COLOR RULES       COLOR RULES	Rule Is Broken If CPU Usage (% Threshold 1 (Critical): Threshold 2 (Medium Priority): Threshold 3 (Low Priority): Database Names Include:	50     Not Used       0     Not Used       0     Not Used         Imaster	 Liple Databases, Leave Blank For The Defa	ult Database)				
In Process Rulfaway Query Rules     Ignore The Same Outstanding Event If Alerts Were Fired More Than 1 Hour 0 Minutes Ago       Isolw Running Trigger Rules     Post Event Only After Rule Is Broken 2 Or More Times       Slow Running Procedure Rules     Reset Counter -       After Event Is Post     After Event Is Post		SQL Timeout: Rule Is Broken If Failed To Conne Rule Is Broken If Any Error Occu Save Performance Data To The A Tag 1: Tag 2: Tag 3: Boot Event Even If The Same Eve Do So Only After 1 + Ignore The Same Outstanding Eve Post Event Only After Rule Is Broc Reset Counter	("" And '?' Are Allowed, Use Comma As Separator For Mu 30 seconds tet To Server rred gent Forecaster Using Data Store: (default) ent Is Still Outstanding (Unanswered) lour 0 Minutes Since Event Is Post rent If Alerts Were Fired More Than 1 Hour	itiple Instances, Leave Blank For The Defa	ult Instances)				

The option **Save Predictor Data Only** saves the Performance Data to Argent Forecaster only. No Alerts will be fired.

Specify threshold in Rule Is Broken If CPU Usage (%) Of SQL Process Is Greater Than Threshold section.

Specify the databases to be checked in **Include** field. It is possible to use wildcard pattern, also.

Specify the databases to be excluded in **Exclude** field. This option is useful when using wildcard pattern in

the **Include** field.

### SQL IO Usage Rules

These Rules monitor the IO usage per database. It is worth mentioning that SQL Server does not update this statistic in real-time:

■ ARGENT OME	GA (2.2A-2207-A)		😤 Home	🔅 Theme 🕶	<b>ر»</b> Argent Instant Help	? About	<b>ن</b> Logout	RS23S
	Threshold 1 (Critical): Threshold 2 (Medium Priority): Threshold 3 (Low Priority): Database Names Include:	Of SQL Process Is Greater Than Threshold						
E SQL Job Rules     Goncurrent User Rules     SQL Lock Rules     SQL Deadlock Rules     GQ Deadlock Rules	Exclude: Filter Instances:	('*' And '?' Are Allowed, Use Comma As Separator For Mult	pecified Instances					
	SQL Timeout:   Rule Is Broken If Failed To Conne  Rule Is Broken If Any Error Occur  Save Performance Data To The A Tag 1: Tag 2: Tag 3: Tag 3:	red	•					
	Post Event Event If the Same Eve     Do So Only After 1      1      H     Ignore The Same Outstanding Ev     Post Event Only After Rule Is Bro     Reset Counter     After Event Is Post	our O C Minutes Since Event Is Post ent If Alerts Were Fired More Than 1 C Hour	0 Minutes Ago					

The option **Save Predictor Data Only** saves the Performance Data to Argent Forecaster only. No Alerts will be fired.

Specify threshold in Rule Is Broken If IO Usage (%) Of SQL Process Is Greater Than Threshold section.

Specify the databases to be checked in **Include** field. It is possible to use wildcard pattern also.

Specify the databases to be excluded in Exclude field. This option is useful when using wildcard pattern in

Include field.

### Database Size Rules

These Rules monitor the amount of used database space in the SQL Server (including both data and transaction log). Optionally, the transaction log can be excluded from the metric. By default, the Rule recalculates the statistics before obtaining the database space usage. Optionally, this recalculation can be skipped, thus making faster (but less precise) readings.

You can monitor the whole of the SQL Server on the machine, or individual databases. You can use absolute values (in MB, GB, etc.) or percentages:

■ ARGENT OME	GA (2.2A-2207-A)	n de la companya de l	🔅 Theme 🕶	<b>(</b> *) Argent Instant Help	? About	<b>ن</b> Logout	RS24S
Argent Omega for SILF   Argent Omega for SQL Server    Argent Omega for SQL Server	Save Predictor Data Only Rule Is Broken If Used Database Size Is Greater Than Threshold Unit: 60 Threshold 1 (Critical) 60 Threshold 2 (Medium Priority): 0 © Chot Used Threshold 3 (Low Priority): 0 © Chot Used						
SQL Deadlock Rules     Database Backup Rules     Gatabase Integrity Check Rules     SQL Processor Usage Rules     SQL IO Usage Rules     SQL IO Usage Rules     SQL IO Usage Rules	Check SQL Database  Specific Database The Whole SQL Server	("" And "?" Are Allowed, Use Comma As Separator For	Multiple Datab	ases)			
DBSIZE_CRITICAL     DBSIZE_LOW_PRIORITY     DBSIZE_VEDIUM_PRIORITY     MITANSACION Log Size Rules     MI Query Blocked Process Rules     MI Query Runaway Process Rules     MI Runaway Query Rules	Exclude Sum of Databases S	clude Specified Database ip Recalculating Statistics Data Before Reading Metrics clude Disk Resource Used By Transaction Log Clude Specified Instances parator For Multiple Instances, Leave Blank For The Defaul	lt Instances)				l
	Rule Is Broken If Failed To Connect To Server     Rule Is Broken If Any Error Occurred     Save Performance Data Tor The Argent Forecaster Using Data Store:     Tag 1:     Tag 2:     Tag 3:     Post Event Even If The Same Event Is Still Outstanding (Unanswered)	fault) 🔹					

The option **Save Predictor Data Only** saves the database size usage to Argent Forecaster only. No Alerts will be fired.

Specify threshold in Rule Is Broken If Used Database Size Is Greater Than Threshold section.

Check Database Size For Each Individual Database option checks the size usage of each individual

database. This option is useful when The Whole SQL Server option is used or multiple databases specified

in Specific Database field.

Exclude Sum Of Databases option skips calculating the database usage sum.

Fire Alert For Each Individual Database option checks the database size usage of each individual

database and Alerts if the size usage exceeds the threshold.

### **Transaction Log Size Rules**

These Rules monitor the amount of used transaction log space in the SQL Server (including both data and transaction log). You can monitor the whole of the SQL Server on the machine, or individual databases. You can use absolute values (in MB, GB, etc.) or percentages. By default, the Rule will recalculate statistics before obtaining the database space usage. Optionally, this recalculation can be skipped, thus making faster (but less precise) readings:

■ ARGENT OM	EGA (2.2A-2207-A)			😭 Home	🔅 Theme <del>-</del>	ڑی) Argent Instant Help	? About	<b>U</b> Logout	RS259
<ul> <li>▶ Solaris</li> <li>▶ MIX</li> <li>▶ HP-UX</li> </ul>	Save Predictor Data Only Rule Is Broken If Transaction L	og Size Is Greater Than Threshold ———							
SO     SO     Margent Compliance Automator     Margent Omega Web Defender     Margent Omega for Microsoft 365     Margent Omega for SNMP	Unit: Threshold 1 (Critical): Threshold 2 (Medium Priority): Threshold 3 (Low Priority):	60         Not Used           0         Value           0         Value           0         Value							
	Check SQL Database Specific Database The Whole SQL Server	master	("** And '?' Are Allowed, Use Comma As S	Geparator For	Multiple Datab	ases)			
<ul> <li>SQL Lock Rules</li> <li>SQL Deadlock Rules</li> <li>Database Backup Rules</li> <li>Database Integrity Check Rules</li> </ul>	Check Database Space For Each Exclude Sum Of Databases	Skip	ude Specified Database Recalculating Statistics Data Before Readin	g Metrics					
Mark SQL Processor Usage Rules     Mark SQL IO Usage Rules     Mark SQL IO Usage Rules	Filter Instances:	(**' And '?' Are Allowed, Use Comma As Sep 30 Seconds	Exclude Specified Instances	or The Defau	ult Instances)				
Transaction Log Size Rules TLOSSIZE_CRITICAL TLOSSIZE_LOW_PRIORITY TLOSSIZE_MEDIUM_PRIORITY	Rule Is Broken If Failed To Conn     Rule Is Broken If Any Error Occu     Save Performance Data For Each	rred							
	Save Performance Data To The / Tag 1: Tag 2: Tag 3: Post Event Even If The Same Ev	rgent Forecaster Using Data Store: (def	ault} 🔹						

The option **Save Predictor Data Only** saves the log space usage to Argent Forecaster only. No Alerts will be fired.

Specify threshold in Rule Is Broken If Transaction Log Size Is Greater Than Threshold section.

Check Database Size For Each Individual Database option checks the Transaction log size usage of each

individual database. This option is useful The Whole SQL Server option is used or multiple databases

specified in Specific Database field.

Exclude Sum Of Databases option skips calculating the database log size usage sum.

Fire Alert For Each Individual Database option checks the transaction log size usage of each individual

database and Alerts if the size usage exceeds the threshold.

## **Query Blocked Process Rules**

These Rules check whether any SQL system processes that use the specified database have been waiting

for longer than the specified threshold:

Pinol dsis       Number Valuation Name       Addition of the	= ARGENT OME			*	٠	(°)	?		RS26S
Argent Omega Baseline         Rule Is forken II Any Blocker Found           > Argent Compliance Autonotor         Database Name::::::::::::::::::::::::::::::::::::	- ARGENT OME	(2.2A-2207-A)			Theme <del>-</del>	Argent Instant Help	About	Logout	
> is Anyoit Omage Baseline         > backbase Kanes:           > is Anyoit Omage Automation         > backbase Kanes:           > is Anyoit Omage Yeb Defender:         > backbase Kanes:           > is Anyoit Omage Yeb Defender:         > backbase Kanes:           > is Anyoit Omage Yeb Defender:         > backbase Kanes:           > is Anyoit Omage for Shots         > Wat Time:          cols Seconds           > is SQL Loops Rules         > SQL Timeout:          201*           > is SQL Loops Rules         > SQL Timeout:          201*           > is SQL Loops Rules         > SQL Timeout:          201*           > is SQL Loops Rules         > SQL Timeout:          201*           > is SQL Loops Rules         > SQL Timeout:          201*           > is SQL Loops Rules         > SQL Timeout:          201*           > is SQL Loops Rules         > SQL Interout:          201*           > is SQL Loops Rules         > SQL Interout:          201*           > is SQL Loops Rules         > SQL Interout:          201*           > is SQL Loops Rules         > SQL Interout:          201*           > is SQL Loops Rules         > Post Event Even IT he same Event Is SIII Outstandog (Unserverdo)           > is SQL roops Rules         > Post Event Cont The Same Event Is SIIII Outstandog (Unserverdo)	🔻 🔚 Tool Sets	Rule Is Broken If Any Bloc	ked Process Found						ŕ
> Argent Omega Web Defender         Datasek Name:         (keek Blank For The Default Database)           > Magnet Omega for Skotte         Weit Time:         0.0 § seconds           > Magnet Omega for Skotte         Filter Instances:         • • • • • • • • • • • • • • • • • • •	🕨 🔚 Argent Omega Baseline								
• Argent Omega Web Defender          (Lave Blank For The Default Database)         (Lave Blank For The Default Database)         (Lave Blank For The Default Database)          • Argent Omega for Stopped          Wit Time:	Argent Compliance Automator	Database Name:	macter						
Argent Omage for SNMP               Writ Time:	🕨 🔚 Argent Omega Web Defender	buttabase manual							
• Margent Omega for SNP     Margent Omega for SNP       • Margent Omega for SNP     Filter Instances:       • SQL upp Aulas     Filter Instances:       • SQL upp Aulas     SQL upp Aulas       • SQL upp Aulas     SQL upp Aulas       • SQL upp Aulas     SQL upp Aulas       • SQL upp Aulas     Rate is Broken if Failed To Connect To Server       • SQL upp Aulas     Rate is Broken if Aula To Connect To Server       • SQL upp Aulas     Rate is Broken if Aulas Tor Occurred       • SQL upp Aulas     Rate is Broken if Aular tor Occurred       • SQL upp Aulas     Tag 1:       • SQL upp Aulas     Tag 1:       • SQL upp Aulas     Tag 2:       • SQL upp Aulas     Tag 2:       • SQL upp Aulas     Post event Even if The Same Event is SUII Outstanding (Unanswered)       • SQL upp Aulas     Post event Even if The Same Event is SUII Outstanding (Unanswered)       • SQL upp Aulas     • Do So Only Atter I is Hour I is Hunter Since Event is Post       • Tag auda     • Sole Sone Transmered       • Guery Blocke Aroces Rules     • Do So Conly Atter Kale is Broken Tis Abarered       • Query Rules     • Autor Tab Autoi Context of Sore Event Is Post       • Guery Blocke Aroces Rules     • Over Event Only Atter Event Is Post       • Marker Aulas Contoine is Corrected     • Autor Tab Autoine Context of Autor Tabarered       • Marker Autor I Sone Over Tab	Argent Omega for Microsoft 365	Wait Times							
Implementation       Implementation         Implementation       Implementa	Argent Omega for SNMP	wait lime:	60 Seconds						
SQL Construct User Rules   SQL Construct User Rules   SQL Construct User Rules   SQL Construct User Rules   SQL Coddock Rules <t< td=""><td>🔻 🔚 Argent Omega for SQL Server</td><td>Filter Instances:</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	🔻 🔚 Argent Omega for SQL Server	Filter Instances:							
iii SQL Do Rules               Rule Is Broken If Failed To Connect To Server           iii SQL Lock Rules              Rule Is Broken If Any Error Occurred           iii SQL Lock Rules              Save Performance Data To The Argent Forecaster Using Data Store: (dedauk)           iiii Database Backup Rules              Tag 1:	SQL Query Rules			Blank For The Defa	ult Instances)				
I Concurrent User Rules   I Concurrent User Rules   I Concurrent User Rules   I SQL Lock Rules   I SQL Deadlock Rules   I SQL Deadlock Rules   I Database Backup Rules   I Database Integrity Check Rules   I Database Rules   I Database Rules   I Database Rules   I Database Star Rules   I Database Rules   I Database Star Rules   I Database Rules   I Database Star Rules   I Database Star Rules   I Database Rules  <	🕨 📔 SQL Logon Rules	SQL Timeout:	30 🗘						
• Concurrent User Rules         • Concurrent User Rules         • Concurrent User Rules         • Concurrent Vser Rules         • Concurent Vser Rules         • Concurrent Vser Rules         • Con	SQL Job Rules	Rule Is Broken If Failed To	Connect To Server						
> is SQL Lock Rules is Save Performance Data To The Argent Forecaster Using Data Store: (default)   > is SQL Deadlock Rules Tag 1:   > is Database Backup Rules Tag 2:   > is SQL Processor Usage Rules Tag 3:   > is SQL No usage Rules Post Event Event Is Still Outstanding (Unanswered)   > ib Database Stick Rules Post Event Event If The Same Event Is Still Outstanding (Unanswered)   > ib Database Rules Post Event Event If Alers Were Fired More Than 1 + Hour 0 + Minutes Ago   > if Query Blocked Process Rules Post Event Event If Alers Were Fired More Than 1 + Hour 0 + Minutes Ago   > if Query Rules Post Event Event Is Bost   > if Query Rules Post Event Event Is Bost   > if Query Rules Post Event Event Is Bost   > if Solock Query Rules Post Event Event Is Answered   > if Solock Query Rules After Event Is Answered   > if Solock Rules After Event Is Answered   > if Solock Rules Application:   > if Solock Rules Application:   > if Solock Rules Application:	Concurrent User Rules	_							
> B SqL baseldock Rules       Tag 1:         > M Database Backup Rules       Tag 2:         > M SqL Processor Usage Rules       Tag 3:         > M SqL Processor Usage Rules       Post Event Event If The Same Event Is Still Outstanding (Unanswered)         > M Database Size Rules       Post Event Event If The Same Event Is Still Outstanding (Unanswered)         > M Database Size Rules       © Do So Only After 1 @ Hour 0 @ Minutes Since Event Is Post         > M Database Rules       © Jost Event Event If Alers Were Fired More Than 1 @ Hour 0 @ Minutes Ago         > M Query Blocked Process Rules       © Post Event Outstanding Event If Alers Were Fired More Than 1 @ Hour 0 @ Minutes Ago         > M Query Rules       Post Event Outstanding Event If Alers Were Fired More Than 1 @ Hour 0 @ Minutes Ago         > M Query Rules       Post Event Outstanding Event If Alers Were Fired More Than 1 @ Hour 0 @ Minutes Ago         > M Query Rules       Post Event So Sot         > M Runavay Process Rules       Post Event Outstanding Event If Alers Were Fired More Than 1 @ Hour 0 @ Minutes Ago         > M Runavay Puery Rules       Post Event Outstanding Event If Alers Were Fired More Than 1 @ Hour 0 @ Minutes Ago         > M Runavay Puery Rules       After Event Is Post         > M Blocked Query Rules       After Event Is Answered         > M Blocked Query Rules       Application:         > M Slow Running Proceure Rules       Reference URL:<	SQL Lock Rules			_					
> In Database Backup Rules > Tag 2:   > In Database Rules > Tag 3:   > In SQL Processor Usage Rules > Post Event Even If The Same Event Is Still Outstanding (Unanswerd)   > In SQL To Usage Rules > Post Event Even If The Same Event Is Still Outstanding (Unanswerd)   > In SQL To Usage Rules > Do So Only After 1	SQL Deadlock Rules		The Argent Forecaster Using Data Store: {default}	-					
> Lodabase Integrity Criteck Rules   > Is SQL Processor Usage Rules   > Is SQL To Usage Rules   > Do So Only After 1 + Hour 0 Minutes Since Event Is Post   > Transaction Log Size Rules   > Transaction Log Size Rules   > Query Rules   > Query Rules   > Post Event Only After Rule Is Broken 2 or Or More Times     Reset Counter   > After Event Is Post   > Biocked Query Rules   > Biocked Query Rules   > Solow Running Troger Rules   > More R	🕨 📔 Database Backup Rules	Tag 1:							
i i SQL Toolsage Rules i Dost Event Seen If The Same Event Is Still Outstanding (Unanswered)   i i Database Size Rules i Dos So Only After i i Hour i Minutes Since Event Is Post   i Tansaction Log Size Rules i Ignore The Same Outstanding Event If Alerts Were Fired More Than i i Hour i Minutes Ago   i Query Runaway Process Rules i Post Event Only After Rule Is Broken 2 i Or More Times   i Query Runaway Query Rules i After Event Is Post   i Runaway Query Rules i After Event Is Post   i Blocked Query Rules i After Event Is Post   i Slow Running Trioger Rules i Aplication:   i Slow Running Trioger Rules Reference URL:   i Nurders Rules Reference URL:	🕨 🔚 Database Integrity Check Rules	Tag 2:							
I Database Size Rules     I Do So Only After     I Do Minutes Size Event Is Post       I Transaction Log Size Rules     I Do So Only After     I Do Minutes Size Event Is Post       I Query Blocked Process Rules     I Do So Only After Rule Is Broken     I Do Nore Times       I Query Runaway Process Rules     I Do So Only After Rule Is Broken     I Do So Only After Rule Is Broken       I Query Runaway Query Rules     After Event Is Post       I Blocked Query Rules     After Event Is Answered       I Blocked Query Rules     After The Actual Condition Is Corrected       Si Sinor Running Prodeure Rules     Application:       I Slow Running Prodeure Rules     Reference URL:       I Norders Rules     Console Comment:	🕨 🔚 SQL Processor Usage Rules	Tag 3:							
In Transaction Log Size Rules     In dour on the Minutes Since Event Is Post     In govery Blocked Process Rules     In govery Blocked Process Rules     In govery Rules     In govery Rules     In process Rules	SQL IO Usage Rules	Post Event Even If The Sa	me Event Is Still Outstanding (Unanswered)						
Image: Stars     I	🕨 🐸 Database Size Rules	Do So Only After	Hour Annu Annu Annu Annu Annu Annu Annu An						
<ul> <li></li></ul>	🕨 🔚 Transaction Log Size Rules								
Image: Color Celleck     Reset Counter       Image: Color Celleck     Image: Color Celleck       Image: Color Celleck     Image: Color Celleck       Image: Color Celleck     Image: Celleck       Image:	▼ 🐸 Query Blocked Process Rules								
• Corp Vaciant Vacian	E QBP_CHECK	Post Event Only After Rule	Is Broken 2 Or More Times						
In In Process Runaway Query Rules        After Event Is Answered       After The Actual Condition Is Corrected       After The Actual Condition Is Corrected       After The Actual Condition Is Corrected       Application:       Application:       Console Comment:       *** Blocked Processes Found ***       Console Comment:       ****       Blocked Processes Found ***       Console Comment:       ****       Console Comment:       Console Comm	🕨 📔 Query Runaway Process Rules	Reset Counter							
Image: Statistic game y Gam	🕨 🐸 Runaway Query Rules	After Event Is Post							
Image: Slow Running Trigger Rules     Application:       Image: Slow Running Procedure Rules     Application:       Image: Slow Running Procedure Rules     Reference URL:       Image: Slow Running Procedure Rules     Reference URL:       Image: Slow Running Procedure Rules     Reference URL:       Image: Slow Running Procedure Rules     Console Comment:	🕨 🔚 In Process Runaway Query Rules								
Image: Solution and Solutio	Blocked Query Rules	After The Actual Condition	Is Corrected						
Image: Store Running Procedure Rules     Reference URL:       Image: Average Fragmentation In Percent Rules     Reference URL:       Image: Offline Database Rules     Console Comment:       Image: Store Rules     Store Rules	🕨 🔚 Slow Running Trigger Rules	Application							
Average Fragmentation in Percent Kules     Offline Database Rules     Console Comment: *** Blocked Processes Found ***	🕨 🔚 Slow Running Procedure Rules								
*** Blocked Processes Found ***	🕨 📔 Average Fragmentation In Percent Rules	Reference URL:							
The Blocked Processes Found	🕨 🔚 Offline Database Rules	Console Comment:							
Security Rules     Description	🕨 🚞 Security Rules		DIVERSE FOR DESCRIPTION OF THE DIVERSE OF THE DIVER						

Specify the threshold in the **Wait Time** field.

### Query Runaway Process Rules

These Rules check whether any SQL system processes that have been running for too long while consuming very little CPU usage. Such system processes are likely to be runaway processes and should be aborted:

■ ARGENT OME	GA (2.2A-2207-A)			👫 Home	🔅 Theme <del>-</del>	<b>(</b> ") Argent Instant Help	? About	<b>()</b> Logout	RS27S
✓ Image Tool Sets     Margent Omega Baseline	Rule Is Broken If Any Ru	naway Process Found							^
<ul> <li>Argent Compliance Automator</li> <li>Argent Omega Web Defender</li> <li>Argent Omega for Microsoft 365</li> <li>Argent Omega for SNMP</li> <li>Argent Omega for SQL Server</li> <li>SQL Query Rules</li> <li>SQL Lopon Rules</li> <li>SQL Job Rules</li> <li>SQL Job Rules</li> <li>Concurrent User Rules</li> <li>SQL Cock Rules</li> </ul>	Rule Is Broken If The C Filter Instances: SQL Timeout: Rule Is Broken If Failed Rule Is Broken If Any E	30 Seconds	500 C Ifours C C C C C C C C C C C C C C C C C C C	ank For The Defai	ult Instances)				
SQL Deadlock Rules     SQL Deadlock Rules     Database Backup Rules     SQL Processor Usage Rules     SQL Processor Usage Rules     SQL Do Usage Rules     SQL Do Sage Rules     Transaction Log Size Rules     SQL Process Rules	Do So Only After	Same Event Is Still Outstanding (Unanswered) )	Is Post						
Query Runaway Process Rules     GRP_CHECK     GRP_CHECK     GRP_CHECK     In Runaway Query Rules     GRPCKES Runaway Query Rules     GRPCKED Query Rules	Reset Counter After Event Is Post After Event Is Answeree After The Actual Conditi								
Blocked Query Kules     Blocked Query Kules     Slow Running Trigger Rules     Slow Running Procedure Rules     Got Running Procedure Rules     Got Running Proceedure Rules     Got Offline Database Rules     Society Rules	Application: Reference URL: Console Comment: Description:	*** Runaway Process Found ***							

### **Runaway Query Rules**

This Rule checks whether any SQL query that has been running for too long in specified SQL Server.

Specify the time threshold in Rule Is Broken If The Query Execution Time Greater Than section:

	NEGA (2.2A-2207-A) CONTRACTOR Argent Instant Help About	۲ Logout
+ 🖬 AIX	A Rule Is Broken If Any Runaway Query Found	
▶ 📴 HP-UX		
▶ 🔤 SCO	Rule Is Broken If The Query Execution Time Greater Than: 60 🗘 Seconds 🗸	
Argent Compliance Automator	Filter Instances:	
🕨 🛀 Argent Omega Web Defender	( <sup>veri</sup> And '?' Are Allowed, Use Comma As Separator For Multiple Instances, Leave Blank For The Default Instances)	
Argent Omega for Microsoft 365	SOL Timeout: 30 🗘 Seconds	
Argent Omega for SNMP	Rule Is Broken If Failed To Connect To Server	
🔻 📁 Argent Omega for SQL Server	-	
SQL Query Rules	Rule Is Broken If Any Error Occurred	
🕨 🚧 SQL Logon Rules	Save Performance Data To The Argent Forecaster Using Data Store: (default)	
🕨 🚧 SQL Job Rules	Tag 1:	
🕨 🚧 Concurrent User Rules	Tag 2:	
SQL Lock Rules	Tag 3:	
SQL Deadlock Rules		
🕨 🚧 Database Backup Rules	Post Event Even If The Same Event Is Still Outstanding (Unanswered)	
🕨 🔚 Database Integrity Check Rules	Do So Only After 1 Hour 0 Minutes Since Event Is Post	
SQL Processor Usage Rules	📕 Ignore The Same Outstanding Event If Alerts Were Fired More Than 1 🗘 Hour 0 🗘 Minutes Ago	
SQL IO Usage Rules	Post Event Only After Rule Is Broken 2 Or More Times	
🕨 🚧 Database Size Rules	Reset Counter	
Transaction Log Size Rules	@ After Event Is Post	
Query Blocked Process Rules	After Event Is Answered	
Query Runaway Process Rules	After The Actual Condition Is Corrected	
🔻 🔚 Runaway Query Rules		
RQ_CHECK	Application:	
In Process Runaway Query Rules	Reference URL:	
Blocked Query Rules		
Slow Running Trigger Rules	Console Comment: Query Execution Time Exceeds 60 Secor	
Slow Running Procedure Rules	Description:	
Average Fragmentation In Percent Rules	IZU Format Block → Font → T → ▲ → ▲ → ■ ■ ■ ⊟ ⊟ ■ ⊕ ▷ 五	Full Screen
Offline Database Rules	This Rule check swhether an SDL nuev that have been running for too long	Puir Screen

### In Process Runaway Query Rules

This Rule alerts when the execution time of any currently-running SQL Query exceeds the specified threshold. Specify the time threshold in **Rule Is Broken If The Query Execution Time Greater Than** section:

= ARGENT OME	GA (2.2A-2207-A			🔥 Home	🔅 Theme <del>-</del>	<b>ری)</b> Argent Instant Help	? About	<b>U</b> Logout	<b>RS29</b> 5
> <b>S</b> SCO	Rule Is Broken If Any (	urrently Processing Query Is A Runaway Q	uery						ŕ
🕨 🚞 Argent Compliance Automator									
🕨 🔚 Argent Omega Web Defender	Rule Is Broken If The C	Jery Execution Time Greater Than:	60 🗘 Seconds 👻						
Argent Omega for Microsoft 365	Filter Instances:	uju	Exclude Specified Instances						
Argent Omega for SNMP		('*' And '?' Are Allowed, Use Comm	a As Separator For Multiple Instances, Leave B	lank For The Defa	ult Instances)				
🔻 🔚 Argent Omega for SQL Server	SQL Timeout:	30 🗘 Seconds							
SQL Query Rules	Exclude System Queri	2							
SQL Logon Rules	- · ·								
SQL Job Rules	Rule Is Broken If Faile	To Connect To Server							
Concurrent User Rules	Rule Is Broken If Any	rror Occurred							
SQL Lock Rules	Save Performance Dat	To The Argent Forecaster Using Data Store:	{default}	-					
SQL Deadlock Rules	Tag 1:								
🕨 🚧 Database Backup Rules	Tag 2:		=						
Database Integrity Check Rules	. Tag 3:		=						
SQL Processor Usage Rules									
SQL IO Usage Rules		Same Event Is Still Outstanding (Unanswered)							
🕨 🕍 Database Size Rules	Do So Only After	1 CHour 0 CMinutes Since Event							
Transaction Log Size Rules	Ignore The Same Outs	anding Event If Alerts Were Fired More Than	1 🗘 Hour 🛛 0 🗘 Minutes Ago						
Query Blocked Process Rules	Post Event Only After	ule Is Broken 2 🗘 Or More Times							
🕨 🚧 Query Runaway Process Rules									
🕨 🖬 Runaway Query Rules	After Event Is Post								
🔻 🔚 In Process Runaway Query Rules	After Event Is Answer	t i i i i i i i i i i i i i i i i i i i							
E IPRQ_CHECK	After The Actual Cond	ion Is Corrected							
Blocked Query Rules									
🕨 🔚 Slow Running Trigger Rules	Application:								
Slow Running Procedure Rules	Reference URL:								
Average Fragmentation In Percent Rules									
🕨 🚧 Offline Database Rules	Console Comment:	*** Query Execution Time Exceeds 60 Secor							
Security Rules	Description:								
Long Running Open Transactions Rules	- Interter (m. 1997)								

The Exclude System Queries option skips the checking of system SQL queries.

### **Blocked Query Rules**

Blocking in SQL Servers happens when a connection to SQL Server blocks one or more query, and another connection to SQL Server requires a conflicting lock type on query, or query locked by the primary connection. This leads to another connection waiting until the primary connection releases its lock. Blocked Query Rules alerts when any blocked queries are detected:

■ ARGENT OME	<b>GA</b> (2.2A-2207-A)		A Home	🔅 Theme 🕶	<b>(</b> *) Argent Instant Help	? About	<b>U</b> Logout	<b>R532</b> 5
▼ 🖬 Argent Omega for SQL Server	Rule Is Broken If Any Blocke	Query Found						
SQL Query Rules	· ·							
SQL Logon Rules	Filter Instances:	- Exclude Specifie	d Instances					
SQL Job Rules		('*' And '?' Are Allowed, Use Comma As Separator For Multiple In:	stances, Leave Blank For The Defa	ult Instances)				
Concurrent User Rules	SQL Timeout:	30 Seconds						
SQL Lock Rules	-							
SQL Deadlock Rules	Rule Is Broken If Failed To Co	nnect To Server						
🕨 🔚 Database Backup Rules	Rule Is Broken If Any Error C	courred						
Database Integrity Check Rules	Save Performance Data To Ti	e Argent Forecaster Using Data Store: {default}	-					
SQL Processor Usage Rules	Tag 1:							
SQL IO Usage Rules	Tag 2:							
Database Size Rules	Tag 3:							
Transaction Log Size Rules								
Query Blocked Process Rules		Event Is Still Outstanding (Unanswered)						
Query Runaway Process Rules		Hour 0 C Minutes Since Event Is Post						
🕨 🚧 Runaway Query Rules	Ignore The Same Outstandin	Event If Alerts Were Fired More Than 1 🗘 Hour 0	Minutes Ago					
In Process Runaway Query Rules	Post Event Only After Rule Is	Broken 2 C Or More Times						
✓ III Blocked Query Rules	Reset Counter							
BQ_CHECK	After Event Is Post							
Slow Running Trigger Rules	After Event Is Answered							
Slow Running Procedure Rules	After The Actual Condition Is	Corrected						
Average Fragmentation In Percent Rules								
🕨 🚧 Offline Database Rules	Application:							
Security Rules	Reference URL:							
Long Running Open Transactions Rules								
Windows Service Rules	Console Comment:	Blocked Query Found ***						
Windows Performance Rules	Description:							
▼ 🖬 Alerts	B Z U Format Block V Font	<ul> <li>· · · ▲</li> <li>· · · ●</li> <li>· · · ●</li> </ul>	co Ix				Full	Screen
Correction	To find the blocked queries							
Motification								

### Slow Running Trigger Rules

The Slow Running Trigger Rule alerts if any trigger takes more time than usual to complete the execution. There is an option to monitor the triggers configured in particular databases by specifying the database names in Include or Exclude fields:

■ ARGENT OME	<b>GA</b> (2.2A-2207-A)		1 Ho	nne Th	eme -	<b>्र</b> ्) Argent Instant Help	? About	<b>U</b> Logout	RS33S
Argent Omega for SQL Server     SQL Query Rules     SQL Query Rules	Save Predictor Data Only	verage Execution Time Is Greater Than Thres	nold						
SQL Job Rules     SQL Job Rules     SQL Lock Rules     SQL Lock Rules     SQL Deadlock Rules     SQL Deadlock Rules	Unit: Threshold 1 (Critical): Threshold 2 (Medium Priority): Threshold 3 (Low Priority):	Seconds 10 CNot Used 0 CNot Used Not Used Not Used							
Image: Solution of the second se	Database Names	master							
	Exclude:	("#" And '?' Are Allowed,Use Comma As Separator I	For Multiple Databases, Leave Blank For The	e Default Dat	abase)				
Query Runaway Process Rules     Grunaway Query Rules     In Process Runaway Query Rules	Filter Instances:	('"' And '?' Are Allowed, Use Comma As Separator	xclude Specified Instances For Multiple Instances, Leave Blank For The	e Default Ins	tances)				
<ul> <li>Elocked Query Rules</li> <li>Slow Running Trigger Rules</li> </ul>	SQL Timeout:								
SRT_CRUTCAL  SRT_LOW_PRIORITY  SRT_MEDIUM_PRIORITY  SIGN Running Procedure Rules  Marage Fragmentation In Percent Rules	Rule Is Broken If Any Error Occurr     Save Performance Data To The Arg     Tag 1:     Tag 2:		•						
Grine Database Rules   Grine Database Rules   Grine Security Rules   Grine Long Running Open Transactions Rules   Grine Rules    Grine Rules    Grine Rules    Grine Rules     Grine Rules	Tag 3: Post Event Even If The Same Even Do So Only After 1 + Ho Ignore The Same Outstanding Eve	ur 0 0 Minutes Since Event Is Post	ur 💦 🍋 Minutes Aqo						
im Windows Performance Rules	Post Event Only After Rule Is Brok		en or minutes Ago						

The option **Save Predictor Data Only** saves the Performance Data to Argent Forecaster only. No Alerts will be fired.

Specify threshold in Rule Is Broken If Any Trigger's Average Execution Time Is Greater Than

Threshold section.

Specify the databases to be checked in Include field. It is possible to use wildcard pattern also.

Specify the databases to be excluded in **Exclude** field. This option is useful when using wildcard pattern in

Include field.

### Slow Running Procedure Rules

The Slow Running Procedure Rule alerts if any stored procedure takes more time than usual to complete the execution. There is an option to monitor the stored procedures in particular databases by specifying the database names in Include or Exclude fields:

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🔻 🔚 Argent Omega for SQL Server	Save Predictor Data Only							<u>^</u>
SQL Query Rules								
🕨 🚞 SQL Logon Rules	Rule IS Broken If Any Procedure	e's Average Execution Time Is Greater Than Threshold —						
SQL Job Rules	Unit:	Seconds -						
Concurrent User Rules	Threshold 1 (Critical):	10 Not Used						
SQL Lock Rules	Threshold 2 (Medium Priority):	0 Not Used						
SQL Deadlock Rules	Threshold 3 (Low Priority):	0 Not Used						
Database Backup Rules	Infestiold 3 (Low Priority):	0 Vivot Used						
Database Integrity Check Rules	- Database Names							
SQL Processor Usage Rules								
SQL IO Usage Rules	Include:	master						
Database Size Rules	Exclude:		J					
Imansaction Log Size Rules		('*' And '?' Are Allowed, Use Comma As Separator For Multipl	e Databases, Leave Blank For The Defau	lt Database)				
Guery Blocked Process Rules								
<ul> <li>Query Runaway Process Rules</li> <li>Runaway Query Rules</li> </ul>	Filter Instances:	* Exclude Sp	ecified Instances					
<ul> <li>Runaway Query Rules</li> <li>In Process Runaway Query Rules</li> </ul>		('*' And '?' Are Allowed, Use Comma As Separator For Multip	le Instances, Leave Blank For The Defau	lt Instances)				
Blocked Query Rules	SQL Timeout:	30 Seconds						
<ul> <li>Slow Running Trigger Rules</li> </ul>	Rule Is Broken If Failed To Conne	ect To Server						
Slow Running Procedure Rules	Rule Is Broken If Any Error Occu	irred						
SRP_CRITICAL	Save Performance Data To The A		_					
SRP_LOW_PRIORITY	Tag 1:	(denauc)						
SRP_MEDIUM_PRIORITY	Tag 2:							
Average Fragmentation In Percent Rules								
Offline Database Rules	Tag 3:							
Security Rules	Post Event Even If The Same Eve	ent Is Still Outstanding (Unanswered)						
Long Running Open Transactions Rules	🔲 Do So Only After 🛛 1 💭 H	lour 0 💭 Minutes Since Event Is Post						
Windows Service Rules	Ignore The Same Outstanding Ev	vent If Alerts Were Fired More Than 1 🗘 Hour	0 🖨 Minutes Ago					
Windows Performance Rules	Post Event Only After Rule Is Bro	oken 2 0r More Times						
✓ Intervention of the second seco	Baset Counter							-

The option **Save Predictor Data Only** saves the Performance Data to Argent Forecaster only. No Alerts will

be fired.

Specify threshold in Rule Is Broken If Any Procedure's Average Execution Time Is Greater Than

Threshold section.

Specify the databases to be checked in Include field. It is possible to use wildcard pattern also.

Specify the databases to be excluded in **Exclude** field. This option is useful when using wildcard pattern in

Include field.

### Average Fragmentation In Percent Rules

Average Fragmentation In Percent Rules help Database Administrators to identify the percentage of fragmentation for indexes larger than 5,000 pages. You can monitor the percentage of fragmentation of all databases in SQL Server, or specific databases:

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	Save Predictor Data Only Rule Is Broken If SQL Database: Threshold 1 (Critical): Threshold 2 (Medium Priority): Threshold 3 (Low Priority):	Index Fragmentation Percent Is Greater Than Threshold						
	Check SQL Database Specific Database The Whole SQL Server	master ('s' And '?' Are	Allowed, Leave Blank For The Defa	ult Database)				
SQL Lock Rules     SQL Deadlock Rules     Database Backup Rules     SQL Database Integrity Check Rules     SQL Processor Usage Rules	Page Count: Scan Level: Filter Instances: SQL Timeout:	5,000 C Detailed C ("" And ?" Are Allowed, Use Comma As Separator For Multipl 30 C Seconds	cified Instances e Instances, Leave Blank For The D	Default Instances)				
	Rule Is Broken If Failed To Conne     Rule Is Broken If Any Error Occur     Save Performance Data To The Ar     Tag 1:	et To Server	*					
In Process Runaway Query Rules  Blocked Query Rules  Slow Running Trigger Rules  Slow Running Procedure Rules  Average Fragmentation In Percent Rules  Aren Low PRIORITY  AFP LOW PRIORITY	Tag 2: Tag 3: Post Event Event If The Same Even Do 50 Only After 1 H I gnore The Same Outstanding Ev Post Event Only After Rule Is Broi	our 0 C Minutes Since Event Is Post ent If Alerts Were Fired More Than 1 C Hour	o 🕽 Minutes Ago					

The option Save Predictor Data Only saves the performance data to Argent Forecaster only. No Alerts will

be fired.

Specify threshold in Rule Is Broken If SQL Database Index Fragmentation Percent Is Greater Than

Threshold section.

There are options to specify Page Count and Scan Level.

### Offline Database Rules

This Rule alerts when a database is offline. There are options to check the database status of specific databases of whole databases in SQL Server:

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🕨 🗀 Database Backup Rules	Rule Is Broken If SQL Databas	e Is Offline						i i i i i i i i i i i i i i i i i i i
Database Integrity Check Rules								
SQL Processor Usage Rules	Check SQL Database							
SQL IO Usage Rules	Specific Database	master ('*' And '?' Are Allowed, Leave Blank Fo	or The Default	Database)				
🕨 🚾 Database Size Rules	The Whole SQL Server							
Transaction Log Size Rules								
Query Blocked Process Rules	SQL Timeout:	30 🗘 Seconds						
Query Runaway Process Rules	Filter Instances:	* Exclude Specified Instances						
🕨 🖬 Runaway Query Rules		(*** And '?' Are Allowed, Use Comma As Separator For Multiple Instances, Leave Blank	For The Defa	ult Instances)				
🕨 🔤 In Process Runaway Query Rules	Rule Is Broken If Failed To Cor	nect To Server						
Blocked Query Rules								
Slow Running Trigger Rules	Rule Is Broken If Any Error Oc							
Slow Running Procedure Rules		Argent Forecaster Using Data Store: {default}						
Average Fragmentation In Percent Rules	Tag 1:							
🔻 🚧 Offline Database Rules	Tag 2:							
SIDB_CHECK	Tag 3:							
Security Rules	Post Event Even If The Same B	vent Is Still Outstanding (Unanswered)						
Long Running Open Transactions Rules	Do So Only After 1							
Windows Service Rules								
Windows Performance Rules		Event If Alerts Were Fired More Than 1 Hour 0 🗊 Minutes Ago						
👻 🕍 Alerts	Post Event Only After Rule Is E	roken 2 Cr More Times						
Correction	Reset Counter							
Motification	After Event Is Post							
Alert Macro	<ul> <li>After Event Is Answered</li> </ul>							
Monitoring Groups	After The Actual Condition Is C	prrected						
Relators								
🕶 🔚 Macros	Application:							
🕨 🔚 Email Recipients	Reference URL:							
SMS Recipients	Console Comment:							
Windows Services	solution comment.	L Database Is Offline ***						

### **Security Rules**

This Rule alerts when any security-related SQL statements such as CREATE or ALTER or DROP LOGIN,

CREATE or ALTER or DROP USER, GRANT, REVOKE, sp\_addrolemember, sp\_droprolemember,

sp\_adduser, sp\_dropuser, etc. were executed in SQL Server:

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🕨 🚞 Database Backup Rules	Rule Is Broken If Security Re	ated SQL Statements Were Executed						
🕨 🐸 Database Integrity Check Rules		-						
SQL Processor Usage Rules	Filter Instances:	* Exclude Specified Instances						
🕨 🚧 SQL IO Usage Rules		(181 And 121 Are Allowed, Use Comma As Separator For Multiple Instances, Leave Blank	For The Defa	ult Instances)				
Database Size Rules	SQL Timeout:	30 🗘 Seconds						
Transaction Log Size Rules	Rule Is Broken If Failed To Co	nnect To Server						
Query Blocked Process Rules								
🕨 📔 Query Runaway Process Rules	Rule Is Broken If Any Error O							
🕨 🕍 Runaway Query Rules		e Argent Forecaster Using Data Store: {default}						
In Process Runaway Query Rules	Tag 1:							
Blocked Query Rules	Tag 2:							
🕨 🔚 Slow Running Trigger Rules	Tag 3:							
Slow Running Procedure Rules	Post Event Even If The Same	Event Is Still Outstanding (Unanswered)						
Average Fragmentation In Percent Rules		Hour 0 Minutes Since Event Is Post						
🕨 🔚 Offline Database Rules								
✓ I Security Rules		g Event If Alerts Were Fired More Than 1 🗘 Hour 0 🗘 Minutes Ago						
SEC_CHECK	Post Event Only After Rule Is	Broken 2 💭 Or More Times						
Long Running Open Transactions Rules	Reset Counter							
Windows Service Rules	After Event Is Post							
Windows Performance Rules	After Event Is Answered							
✓ Intervention → Alerts	<ul> <li>After The Actual Condition Is</li> </ul>	Corrected						
Correction	Analiastian							
Notification	Application:							
Alert Macro	Reference URL:							L
Monitoring Groups	Console Comment:							
Relators		Security-related SQL Statements Execut						
▼ 📁 Macros	Description:							
🕨 🚞 Email Recipients	B Z U Format Block - Font	▾ ▱ ▾ ◬ ▾ ◾ ▬ ▬ ▬ ▬ ⊨ ⊨   ∞ ᄶ						Screen
SMS Recipients	This Rule checks the execution of the fo	llowing.commands E/ALTER/DROP.USER_GRANT_REVOKE_sp_addrolemember_sp_droprolemember_sp_adduser_sp_	dronuser					
Windows Services	-	EXCLUSION OF OUR OWNER REVOKE SP_audiolemention sp_aroprovellember sp_auduser sp_	oropuser					
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### Long-Running Open Transaction Rules

The Long Running Open Transactions Rule alerts if any transaction takes more time than the configured threshold to complete the execution. There is an option to monitor the transactions related to particular databases by specifying the database names in Include or Exclude fields:

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	Save Predictor Data Only  Rule Is Broken If Running Time Of Any Open Database Transaction Is Greater Than Th Unit:  Threshold 1 (Critical):  Threshold 2 (Medium Priority):  © © Not Used Threshold 3 (Low Priority):  © © Not Used	eshold ————					
Kunaway Query Rules     In Process Runaway Query Rules     Slow Running Trigger Rules     Slow Running Trigger Rules     Slow Running Procedure Rules     Average Fragmentation In Percent Rules     Offline Database Rules	Database Names Include: master Exclude: ("" And '?' Are Allowed, Use Comma As Separator For Multi	· · · · · · · · · · · · · · · · · · ·	ılt Database)				
	(*** And *?' Are Allowed, Use Comma As Separator For Mult SQL Timeout: 30 Seconds 2 Rule Is Broken If Failed To Connect To Server 2 Rule Is Broken If Any Error Occurred Save Performance Data To The Argent Forecaster Using Data Store: (default)	eeffied Instances ple Instances, Leave Blank For The Defar	ilt Instances)				
	Tag 1: Tag 2: Tag 2: Tag 3: Post Event Even If The Same Event Is Still Outstanding (Unanswered) Do So Only After 1 Hour 0 Hinutes Since Event Is Post Ignore The Same Outstanding Event If Alerts Were Fired More Than 1 Hour Post Event Only After Rule Is Broken 2 0 Or More Times	0 🕈 Minutes Ago					

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