

جلسه نهم آزمایشگاه مهندسی نرم افزار

اعضای گروه

حسین ذاکری نیا


























مصطفی قدیمی

نمای کلی

در این جلسه ما به بررسی امکانات سایت <https://oriondemo.solarwinds.com> می‌پردازیم. در هر بخش عکس همراه گزارش آن‌ها آمده است.

لیست مهمی برنامه‌ها

در این قسمت نام مهمی برنامه‌ها نوشته شده است که وضعیت آن‌ها به‌طور خلاصه نمایش داده شده است.













All Applications		MANAGE APPLICATIONS	HELP
GROUPED BY APPLICATION TEMPLATE, NODE NAME			
▶  Apache		All applications up	
▶  AppInsight for Active Directory		All applications up	
▶  AppInsight for Exchange		All applications up	
▶  AppInsight for IIS		2 application(s) down	
▶  AppInsight for SQL			
▶  Azure AD Connect			
▶  DNS User Experience		All applications up	
▶  Haproxy		All applications up	
▶  IBM WebSphere (JMX)		All applications up	
▶  Kiwi Syslog Server		All applications up	
▶  Microsoft Office 365 Exchange Mailboxes		All applications up	
▶  Microsoft Office 365 Exchange Mobile Device Statistics		All applications up	
▶  Microsoft Office 365 OneDrive		All applications up	
▶  Microsoft Office 365 Teams		All applications up	
▶  Microsoft Windows Server 2012-2016 R2 Failover Cluster		All applications up	
▶  MySQL (5.7.9 or later) for Linux/Unix		All applications up	
▶  MySQL 8.0 Metrics for Windows		All applications up	
▶  Nginx		All applications up	
▶  Oracle Database		All applications up	
▶  PostgreSQL		All applications up	
▶  PowerShell Script Diagnostics		All applications up	
▶  SharePoint Server 2016		All applications up	
▶  Skype for Business Server 2015 (Edge Role)		All applications up	
▶  Skype for Business Server 2015 (Front-End Role)		All applications up	
▶  SolarWinds Agent (Linux)		All applications up	

خلاصه عملکرد¹ سرور

در این قسمت خلاصه‌ای از عملکرد سرورها در بازه‌های ۹۰ روزه نمایش داده می‌شود و وضعیت آن‌ها را مشخص کرده است.







Server Warranty SummaryHELP

▼ Expired Warranties (12 warranties)

NAME	EXPIRATION DATE
 LOSAESX01	2/24/2014
 WESTESX01A	3/11/2014
 WESTHYV01A	8/26/2014
 EASTHYV01B	11/2/2014
 EASTESX01A	11/5/2014
 EASTHYV01A	11/24/2014
 NEWYESX01	1/27/2015
 NOCEHYV02	1/2/2016
 WESTHYV01B	3/17/2016
 EASTESX01B	4/20/2016
 DENESXCL01a	1/3/2019
 DENESXCL01B	1/3/2019

▼ Warranties Due to Expire (6 warranties)












WITHIN 90 DAYS

NAME	EXPIRATION DATE	DAYS LEFT	
 WESTESX01B	1/8/2021	0	<div></div>
 WESTESX01C	1/8/2021	0	<div></div>
 WESTESX01D	1/8/2021	0	<div></div>
 EASTADDS01V	2/2/2021	25	<div></div>
 EASTROOTCA	2/16/2021	39	<div></div>
 EASTFILE01V	3/24/2021	75	<div></div>



▶ Next 5 Warranties Set to Expire.

¹ warranty

برنامه‌های با خطا مواجه‌شده

Applications with Problems HELP	
APPLICATION NAME	
 Azure AD Connect on eastazadcon01v.demo.lab	
 Microsoft Exchange on EASTEXMBX02v	
 Microsoft Exchange on WESTEXMBX02v	
 Microsoft Exchange on WESTEXMBX01v	
 Microsoft Exchange on EASTEXMBX01v	
 Microsoft IIS on LAB-NOCEYAFV01	
 Microsoft IIS on NOCARM01v	
 Microsoft IIS on EASTROOTCA	
 Microsoft IIS on WESTARR01v	
 Microsoft IIS on AZSHPWEB02v	
 Microsoft IIS on WESTSTIGIIS85	

هشدارهای برای برنامه‌های فعال














Active Application Alerts (137) HELP				
ALL UNACKNOWLEDGED ALERTS				
ALERT NAME	MESSAGE	TRIGGERING OBJECT	ACTIVE TIME	RELATED NODE
 Alert me when a component goes into warning or critical state	Alert me when a component goes into warning or critical state	Forwarded Records/Batch Requests	3m	WESTSQL01V
 Application Connection status is in Warning or Critical state	Application Connection SolarWinds Agent (Windows) (331) to NOCSWOMPE01AvS(355) is in Critical state.	SolarWinds Agent (Windows)(331) to NOCSWOMPE01AvS(355)	14h 52m	LOSAAGENT01v

گروه‌بندی‌های برنامه‌ها

All Groups

GROUPED BY NONE

MANAGE GROUPS HELP









- ▶  Active Directory Domain Services
- ▶  Agent Managed
- ▶  Azure Hybrid SP Farm
- ▶  Linux Servers
- ▶  Locations
- ▶  London Branch
- ▶  MPLS Circuits
- ▶  Office 365
- ▶  Public Web Farm Apache Servers
- ▶  SharePoint Transactions
- ▶  Singapore Branch
- ▶  Tailwind Traders
- ▶  Windows Servers

۲۵ رخداد اخیر برنامه‌ها

Last 25 Application Events

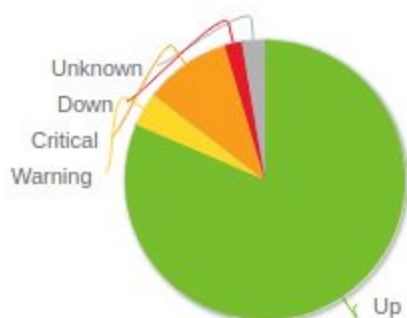
TODAY

HELP

1/8/2021 2:35 AM		Component "Top Tables for Database (SolarWindsOrion)" for application "MSSQLSERVER" on node "WESTSQL01V" is up
1/8/2021 2:35 AM		Application "MSSQLSERVER" on node "WESTSQL01V" is in a critical state
1/8/2021 2:35 AM		Component "All Databases" for application "MSSQLSERVER" on node "WESTSQL01V" is in a critical state
1/8/2021 2:35 AM		Component "Forwarded Records/Batch Requests" for application "MSSQLSERVER" on node "WESTSQL01V" is in a warning state
1/8/2021 2:34 AM		Application "MSSQLSERVER" on node "WESTSQL02V" is down
1/8/2021 2:34 AM		Component "All Databases" for application "MSSQLSERVER" on node "WESTSQL02V" is in an unknown state
1/8/2021 2:34 AM		Component "Top Active Sessions with Statistics" for application "MSSQLSERVER" on node "WESTSQL02V" is in an unknown state
1/8/2021 2:34 AM		Component "Top Expensive Queries" for application "MSSQLSERVER" on node "WESTSQL02V" is in an unknown state

خلاصه‌ی سلامت برنامه‌ها

Application Health Overview

[HELP](#)


Application Count: 151

123 Up 6 Warning
 15 Critical 3 Down
 4 Unknown 0 Other

۱۰ کامپوننت با بیش‌ترین حجم از داده‌ها پایا²

Top 10 Components by Statistic Data

[HELP](#)













PROCESS NAME	APPLICATION NAME	NETWORK NODE	STATISTIC DATA
File System Backup Total Backup Size (Bytes) Statistic	SolarWinds Backup (Windows)	! NOCSQL01	624.918 G
File System Backup Total Backup Size (Bytes) Statistic	SolarWinds Backup (Windows)	! NOCFE01v	541.166 G
File System Backup Total Backup Size (Bytes) Statistic	SolarWinds Backup (Windows)	! WESTFE01v	532.576 G
File System Backup Total Backup Size (Bytes) Statistic	SolarWinds Backup (Windows)	! EASTFE01v	531.502 G

² Static

۱۰ کامپوننت با طولانی‌ترین زمان پاسخ

Top 10 Components by Response Time

[HELP](#)

PROCESS NAME	APPLICATION NAME	NETWORK NODE	RESPONSE TIME
 HTTP Bindings Monitor (SharePoint - 37007)	 Microsoft IIS	 AZSHP WEB02v	11487 ms 100% 
 Table Locks Immediate	 MySQL (5.7.9 or later) for Linux/Unix	 EAST MYSQL01v	3129 ms 100% 
 HTTP Bindings Monitor (Default Web Site)	 Microsoft IIS	 AZSHP WEB02v	876 ms 35.04% 

۱۰ پردازنده نظارت شده بر اساس حجم حافظه مجازی

Top 10 Monitored Processes by Virtual Memory

[HEL](#)

PROCESS NAME	APPLICATION NAME	NETWORK NODE	VIRTUAL MEMORY USED
 sqlservr.exe	 MSSQLSERVER	 NOCS QL01	120.05 GB 81.17% 
 sqlservr.exe	 MSSQLSERVER	 WESTS QL01V	13.57 GB 68.25% 
 sqlservr.exe	 MSSQLSERVER	 NOCA PPSQL02V	7.68 GB 52.09% 

کامپوننت‌های در دسترس

Available Components

CREATE YOUR OWN CUSTOM TEMPLATES USING THE SAM COMPONENTS LIBRARY

 [HELP](#)

COMPONENT NAME	DESCRIPTION
Custom Performance Counter Monitor	This component monitor is used in ApplInsight applications for SQL, IIS, and Exchange to save performance counters, as polled in a batch by an SQL Table Monitor or a custom PowerShell Monitor optimized for performance. SolarWinds internal use only.
Custom PowerShell Monitor	This component monitor is used in ApplInsight applications for IIS and Exchange to poll statistics using a PowerShell script, and then return a data table. SolarWinds internal use only.

۱۰ پردازش بر اساس بار پردازنده

Top 10 Monitored Processes by CPU Load










HELP

PROCESS NAME	APPLICATION NAME	NETWORK NODE	CPU LOAD
 BackupFP.exe	 SolarWinds Backup (Windows)	 WESTFILE01v	59.99% 
 sqlservr.exe	 MSSQLSERVER	 NOCAPSQL02v	24.85% 
 sqlservr.exe	 MSSQLSERVER	 NOCAPSQL01v	20.79% 

۱۰ پردازش بر اساس تعداد عملگرهای ورودی و خروجی

Top 10 Monitored Processes by I/O Total Operations/s










HELP

PROCESS NAME	APPLICATION NAME	NETWORK NODE	TOTAL IOPS
 SWJobEngineSvc2.exe	 SolarWinds Orion Additional Polling Engine	 NOCSWOAPE01vS	906.00 / Sec
 tomcat8.exe	 Database Performance Analyzer	 NOCDPA01v	443.66 / Sec
 tomcat8.exe	 Database Performance Analyzer	 NOCDPA01v	439.00 / Sec

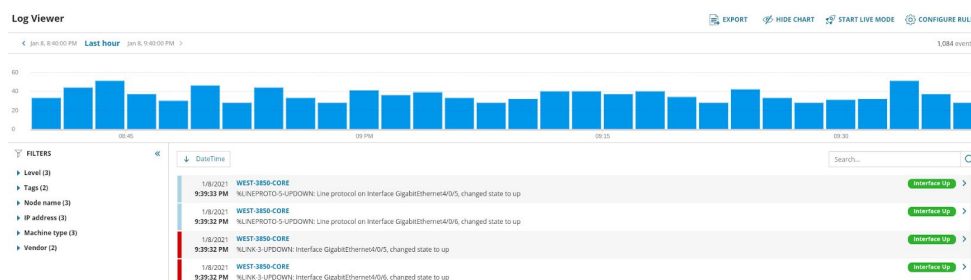
۱۰ پردازش بر اساس تعداد خواندن‌های ورودی و خروجی بر ثانیه

Top 10 Monitored Processes by I/O Reads/s

HELP

PROCESS NAME	APPLICATION NAME	NETWORK NODE	IO READS
 SWJobEngineSvc2.exe	 SolarWinds Orion Additional Polling Engine	 NOCSWOAPE01vS	877.00 / Sec
 tomcat8.exe	 Database Performance Analyzer	 NOCDPA01v	442.67 / Sec
 tomcat8.exe	 Database Performance Analyzer	 NOCDPA01v	439.00 / Sec

نمایش لاگ‌های سرور



لیست گزارش‌های ارسال شده

VIEW REPORT Search...

☆	Report Title ▲	Description	Category	Module Ti...
<input type="radio"/>	★ All VMs	Show all monitored Virtual ...	Virtualization Reports	
<input type="radio"/>	☆ All VMs by CPU Utilization -...	All VMs by % CPU Utilizatio...	Virtualization Reports	
<input type="radio"/>	☆ All VMs by Memory Utilizati...	All VMs by % Memory Utiliz...	Virtualization Reports	
<input type="radio"/>	☆ All VMs by Network Traffic ...	All VMs by Mbps memory T...	Virtualization Reports	
<input type="radio"/>	☆ All VMs by Time Running vs...	All VMs by % of Time Runni...	Virtualization Reports	

درخواست کمک

Help Request

Request Type

Subject

Request Detail

Carbon Copy (Cc:) ☐ Enabled

Location Room

Priority

Save

Cancel

تاریخچه فعالیت‌ها (بر اساس جدیدترین‌ها)

در این قسمت تاریخچه تمامی فعالیت‌ها و درخواست‌ها به همراه وضعیت آن‌ها

Schedule change - postponing release #108	Updated 11 hours ago >
<div>Approving</div> Request For Change *Requires Approval from CAB	
E-mail Attachments #8	<div>Take survey</div> Closed 11 hours ago >
<div>Closed</div> Repair Request 2	
Complete journal entries #113	Updated 3 days ago >
<div>Open</div> Day 1	
Month End Pre-Close #112	Updated 3 days ago >
<div>Open</div> Pre Close	

تاییدیه

Approvals

No.	Date ▾	Client	Request Type	Details	Approval Process	Approval Step	My Vote
108	1/3/21	Demo Client	Request For Change *Requires Approval from CAB	Schedule change - postponing release: We need additional 2 weeks to finish development of project AW... <a>Show Details	+ CAB approval	1 Approval	<div>Yes</div> <div>No</div>

« < 1 item > »

Approvals Per Page 100 ▾

Approvals

No.	Date ▾	Client	Request Type	Details	Approval Process	Approval Step	My Vote
108	1/3/21	Demo Client	Request For Change *Requires Approval from CAB	Schedule change - postponing release: We need additional 2 weeks to finish development of project AWESOME. <div> <div>approved</div> <div>Milan Hulk 1/3/21 7:00 am</div> </div> <div> <div>Waiting for change advisory board approval</div> <div>Joe Admin 1/3/21 6:35 am</div> </div> <div> Type of change Schedule Change Benefits of Proposed Change Higher quality of delivered product Alternatives Cut scope List of Impacted Systems and Services Resources Required for Change Engineering team Attachments : <a>Hide Details </div>	+ CAB approval	1 Approval	<div>Yes</div> <div>No</div>

پیغام‌ها

New Messages

All Messages

Joe Admin 6/30/19 12:24 pm

Thank you for trying out SolarWinds Web Help Desk Demo. You're running the latest version copy -- Enjoy!

Terry Siddall 2/21/19 12:52 pm

Please be advise that we have new cover letters on all TPS reports. Thaaaaaanks.
Lumberg

Terry Siddall 2/21/19 12:50 pm

The Mail Server will be down from 2am to 3am this Saturday due to Maintenance. Please do not submit a service ticket. Sorry for the inconvenience.