Top Community Resources for SCOM and OMS

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Agenda

- ➜ Recommended Sites and Bloggers
- ➜ Recommended Community and Free MPs
- ➜ Recommended Tools and Utilities
- ➜ OMS Resources
- ➜ Q & A

My Pick of Top SCOM Blogs

Bob Cornelissen (MVP): http://www.bictt.com/blogs/bictt.php

Cameron Fuller (MVP): http://blogs.catapultsystems.com/author/cfuller/

David Allen (MVP): http://aquilaweb.net/

Dieter Wijckmans (MVP): http://scug.be/dieter/

Jonathan Almquist's Old Blog: http://blogs.technet.com/b/jonathanalmquist/

Kevin Greene (MVP): http://kevingreeneitblog.blogspot.com

Kevin Holman (PFE): http://blogs.technet.com/b/kevinholman/

Marnix Wolf (MVP): http://thoughtsonopsmgr.blogspot.com

Pete Zerger (MVP): http://insidethecloudos.azurewebsites.net/category/blog/

SCOM Product Team Blog: http://blogs.technet.com/b/momteam/

Scott Moss (MVP): https://om2012.wordpress.com/

Stefan Roth (MVP): http://stefanroth.net/

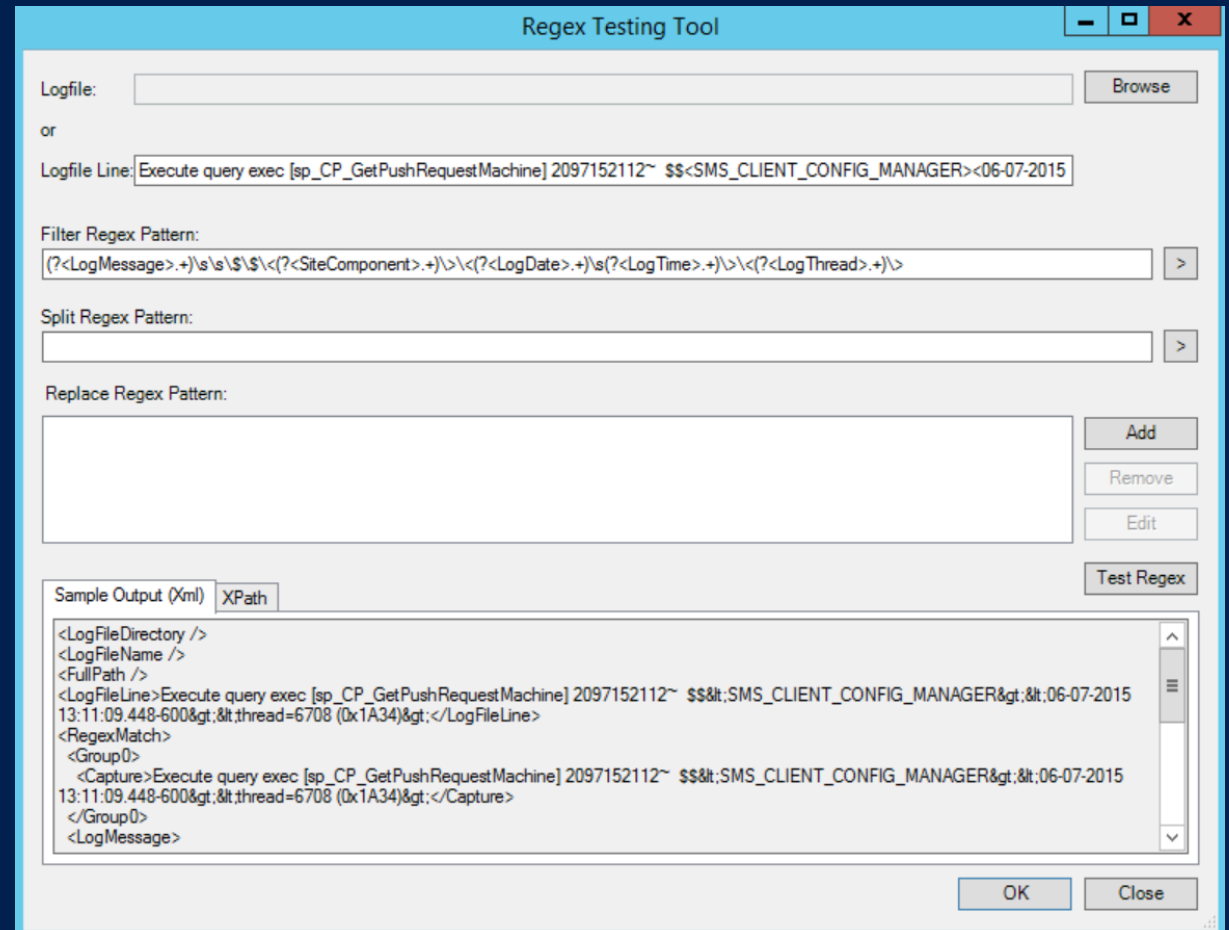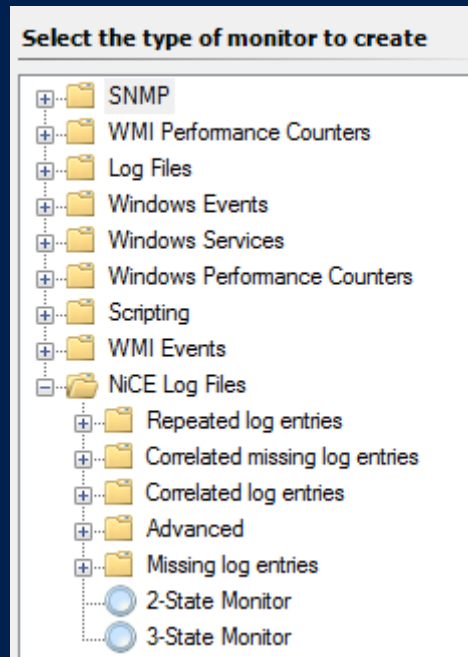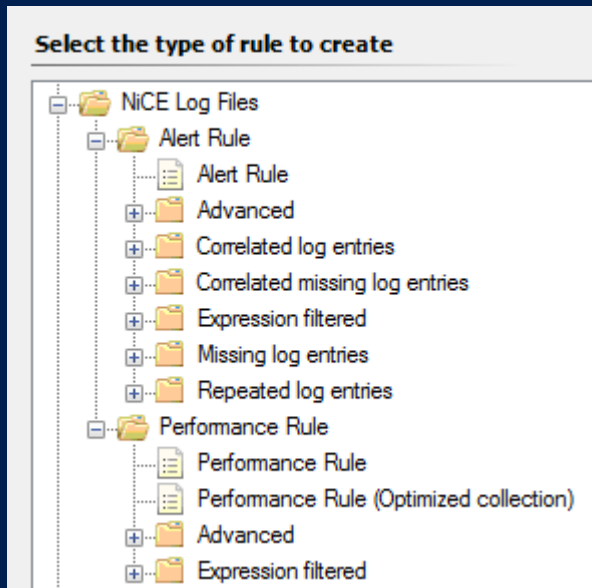Tim McFadden (PFE): http://www.scom2k7.com/

Development and Authoring Resources

- Authoring Friday: http://www.authoringfriday.com/
- Brian Wren (MPAuthor) Blog: http://blogs.technet.com/b/mpauthor/
- Daniele Grandini (MVP) Blog: https://nocentdocent.wordpress.com/
- Matthew Long Blog: https://matthewlong.wordpress.com/
- Michel Kamp Blog: https://michelkamp.wordpress.com/
- Russ Slaten Blog: http://blogs.msdn.com/b/rslaten/
- MP Dev Course https://channel9.msdn.com/Series/System-Center-2012-R2-Operations-Manager-Management-Packs
- Jonathan Almquist SCOMSkills http://blog.scomskills.com/
- Tao Yang (MVP) Blog http://blog.tyang.org

Community and Free Management Packs

- NiCE Log File MP
  - http://www.nice.de/log-file-monitoring-scom-nice-logfile-mp

Community and Free Management Packs

- OpsLogix Ping MP
  - http://www.opslogix.com/ping-management-pack/

Community and Free Management Packs

- Veeam Report Library MP
  - http://www.veeam.com/report-library-system-center.html

Reports

Name

- Veeam Alert History Report
- Veeam Alert Statistics Report
- Veeam Performance Details Report
- Veeam Performance Report
- Veeam Performance Top (Bottom) N Report
- Veeam Relationship History
- Veeam State Summary Report

veeam Report Library

Alert Statistics

⊞ **Report description:**

⊟ **Report parameters:**

Report interval #1:	21/09/2015 12:00 AM - 28/09/2015 12:00 AM
Report interval #2:	14/09/2015 12:00 AM - 21/09/2015 12:00 AM
Time zone:	(UTC+10:00) Canberra, Melbourne, Sydney
Report time:	30/09/2015 8:31 PM
Management Group:	HOME
Selected scope:	⊞ 1 object selected
Selected management packs:	⊞ 384 management packs selected
Mode:	Alert statistics

Management pack	Monitor/Rule	Alert	Count #1	% of Total #1	Count #2		% of Total #2
[+] Microsoft System Center Virtual Machine Manager 2012 R2 Monitoring	M: System Center 2012 Virtual Machine Manager Host Parent Partition CPU Utilization	Host Parent Partition CPU Utilization high	846	54.90 %	1060 ↑		79.40 %
[+] MPAuthor.Orchestrator	M: Runbook Running	Runbook not running	353	22.91 %	63 ↓		4.72 %
[+] System Center Core Monitoring	R: Alert on Dropped Power Shell Scripts	Power Shell script was dropped	31	2.01 %	26 ↓		1.95 %
[+] Microsoft System Center 2012 Configuration Manager Monitoring	M: Server Component	ConfigMgr Server Component Issue	23	1.49 %	24 ↑		1.80 %
[+] Microsoft System Center 2012 Configuration Manager Monitoring	M: Site Role	ConfigMgr Site Role Issue	24	1.56 %	16 ↓		1.20 %
[+] Microsoft.IntelligencePacks.Advisor.Monitoring	M: AdvisorHttpModuleTrafficMonitor	Advisor Http Module Traffic Monitor	15	0.97 %	12 ↓		0.90 %
[+] Microsoft System Center Advisor Internal	M: Advisor Connector Enable Status Monitor	Failed to enable Advisor Connector on the computer.	0	0.00 %	11 ↑		0.82 %
[+] Microsoft SQL Server 2012 (Monitoring)	R: Database consistency check performed with no errors	Database consistency check performed with no errors	4	0.26 %	8 ↑		0.60 %

Community and Free Management Packs

- OpsMgr Self Maintenance MP by Tao Yang
  - http://www.tyconsulting.com.au/portfolio/opsmgr-self-maintenance-management-pack-v-2-5-0-0/

Community and Free Management Packs

- PKI Certificate Verification MP by Raphael Burri
  - http://www.systemcentercentral.com/pack-catalog/pki-certificate-verification-mp/
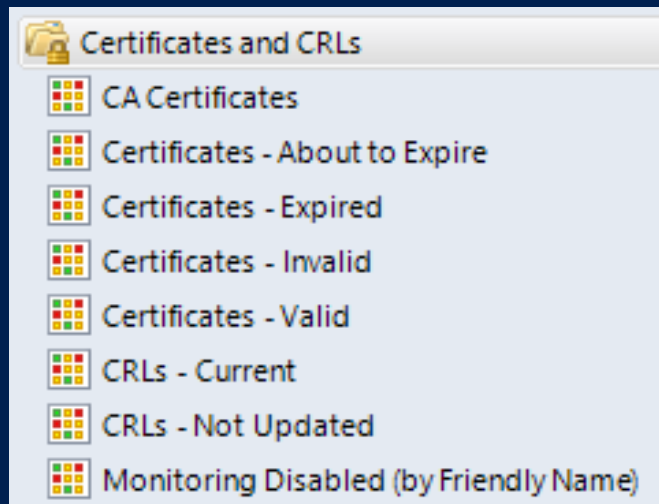
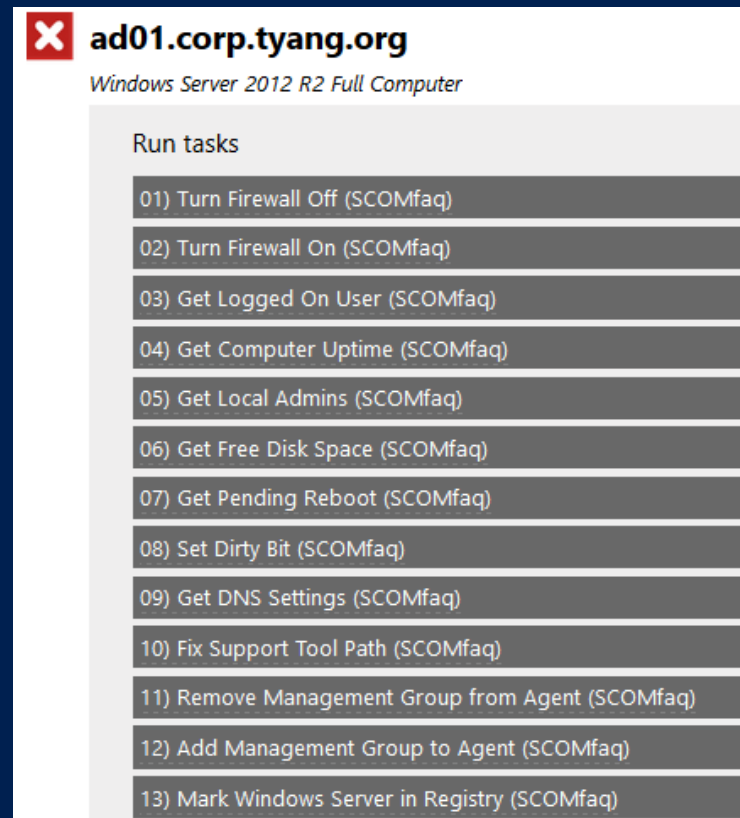# Community and Free Management Packs

- ConfigMgr 2012 Client MP by Tao Yang
  - http://blog.tyang.org/2014/10/04/updated-configmgr-2012-r2-client-management-pack-version-1-2-0-0/
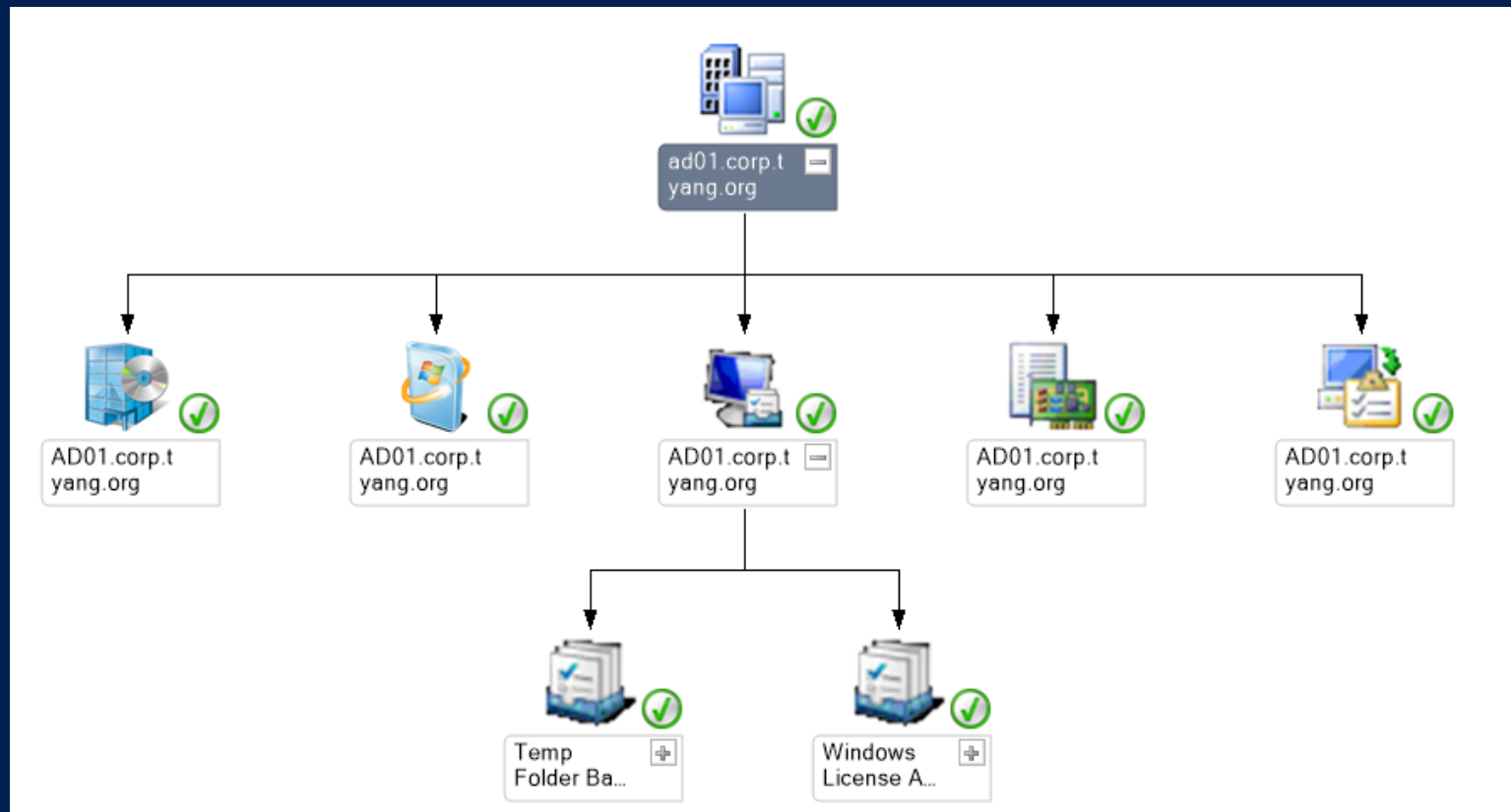
Community and Free Management Packs

- SCOM Task Collection MP by Stefan Roth
  - http://stefanroth.net/2013/03/07/scom-2012-update-scom-task-collection-mp/

Community and Free Management Packs

- Windows Azure Pack Community MP by Oskar Landman
  - https://gallery.technet.microsoft.com/SCOM-Management-Pack-3855607d
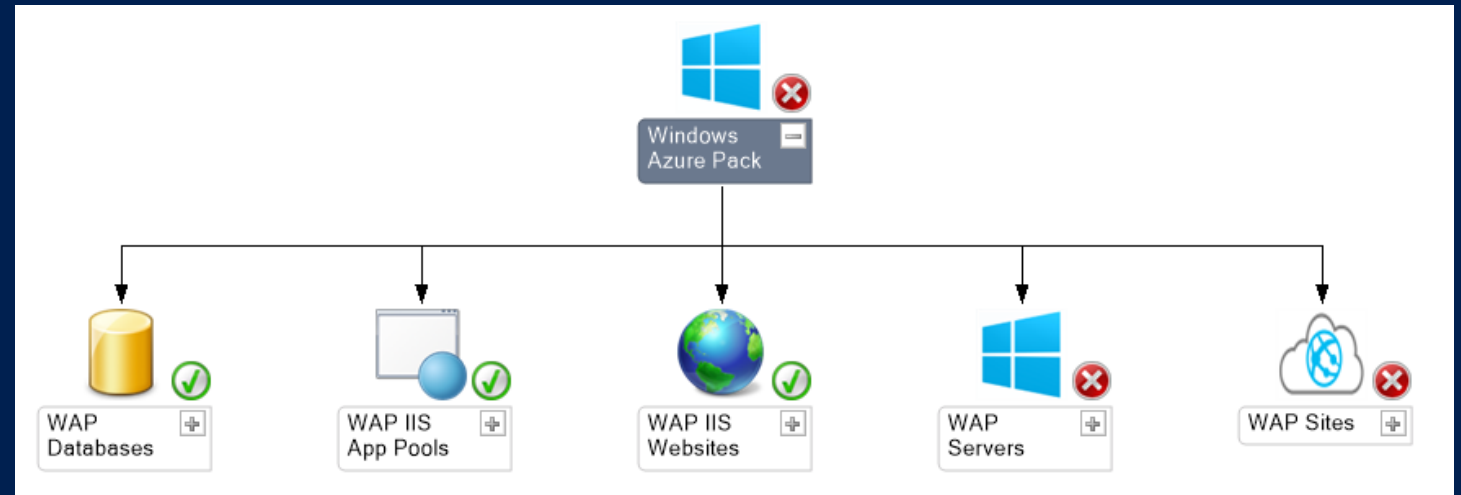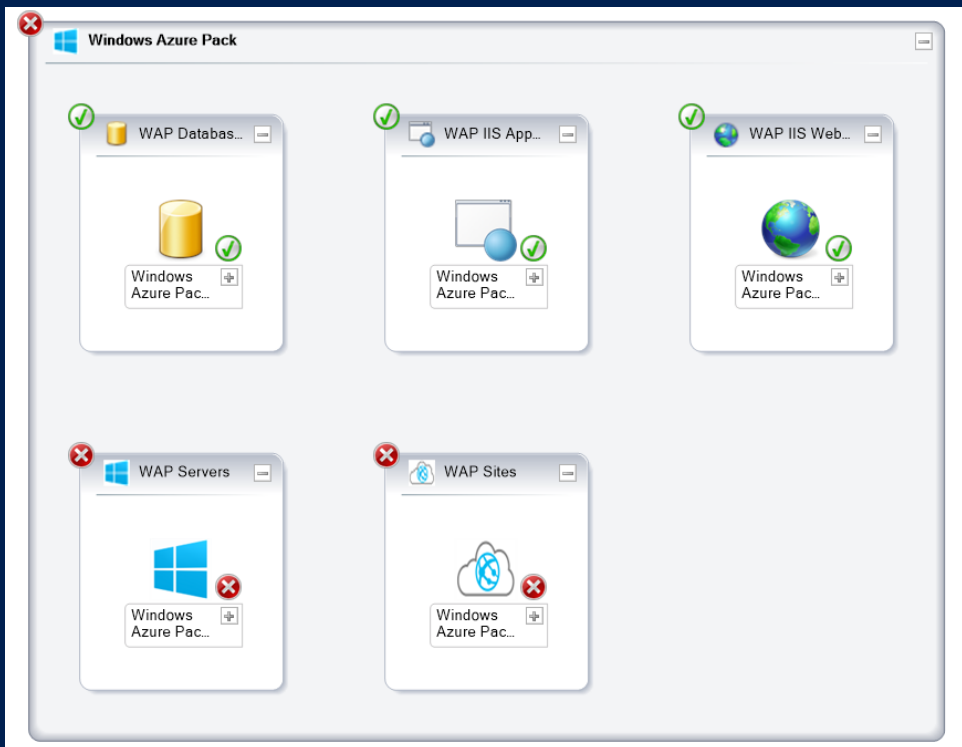
Community and Free Management Packs

- SCOM Health Check Reports V3 by Oskar Landman & Pete Zerger
  - http://www.systemcentercentral.com/scom-health-check-reports-v3/
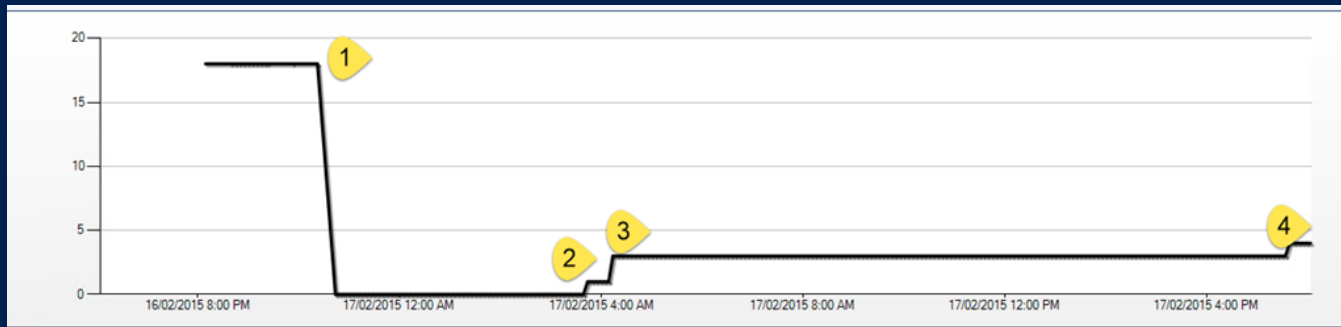
Health Check Report - Alerts - Per User Count	Health Check Report - Misc - Health Service Runas Distribution
Health Check Report - Alerts - Per User Id	Health Check Report - Misc - Infrastructure
Health Check Report - Alerts - Top 20 Alerts	Health Check Report - Misc - Maintenance Mode
Health Check Report - Alerts - Total Daily	Health Check Report - Misc - Management Packs
Health Check Report - Events - Total Events per Computer	Health Check Report - Misc - OMS Managed Agents overview
Health Check Report - Events - Total Events per Day	Health Check Report - Misc - Overview Groups
Health Check Report - Events - Total Events per Event Number	Health Check Report - Monitors - Noisiest Monitors
Health Check Report - Misc - Agents Overview	Health Check Report - Monitors - State Changes per Day
Health Check Report - Misc - APM Agents	Health Check Report - Monitors - State Data Not Groomed
Health Check Report - Misc - Config Churn Overview	Health Check Report - Performance - Performance Baseline Collection rules
Health Check Report - Misc - Current Health Status Down Agents	Health Check Report - Performance - Performance By Computer
Health Check Report - Misc - Databases State	Health Check Report - Performance - Performance Inserts Daily per Counter
Health Check Report - Misc - Health Service Action Accounts overview	Health Check Report - Performance - Performance Inserts Daily Total

Community and Free Management Packs

- Hyper-V 2012 R2 Community MP
  - Authors: Daniele Grandini & Tao Yang
  - Download: https://gallery.technet.microsoft.com/Hyper-V-2012-R2-management-2e067735
  - Source Code: https://github.com/brandubh/HypervMP
  - Details on Daniele Grandini's blog: https://nocentdocent.wordpress.com/2015/04/03/hyper-v-monitoring-with-scom-sysctr/

Community and Free Management Packs

- Windows Server Logical Disk Auto Defrag MP
  - Originally Developed by Cameron Fuller, Updated by Tao Yang
  - http://blog.tyang.org/2015/02/17/updated-management-pack-for-windows-server-logical-disk-auto-defragmentation/

Community and Free Management Packs

- OpsMgr Health State Synchronization MP by Tao Yang
  - http://www.tyconsulting.com.au/portfolio/opsmgr-health-state-synchronization-mp/
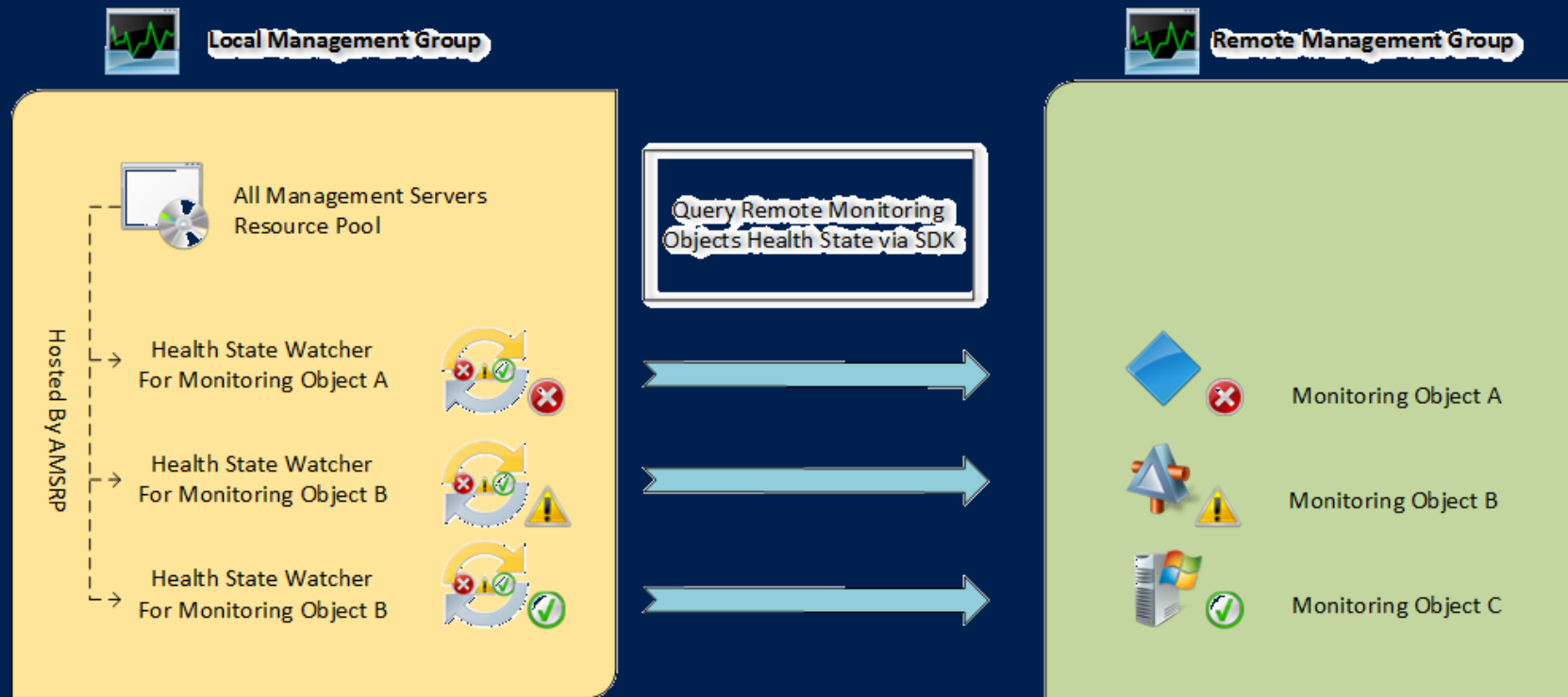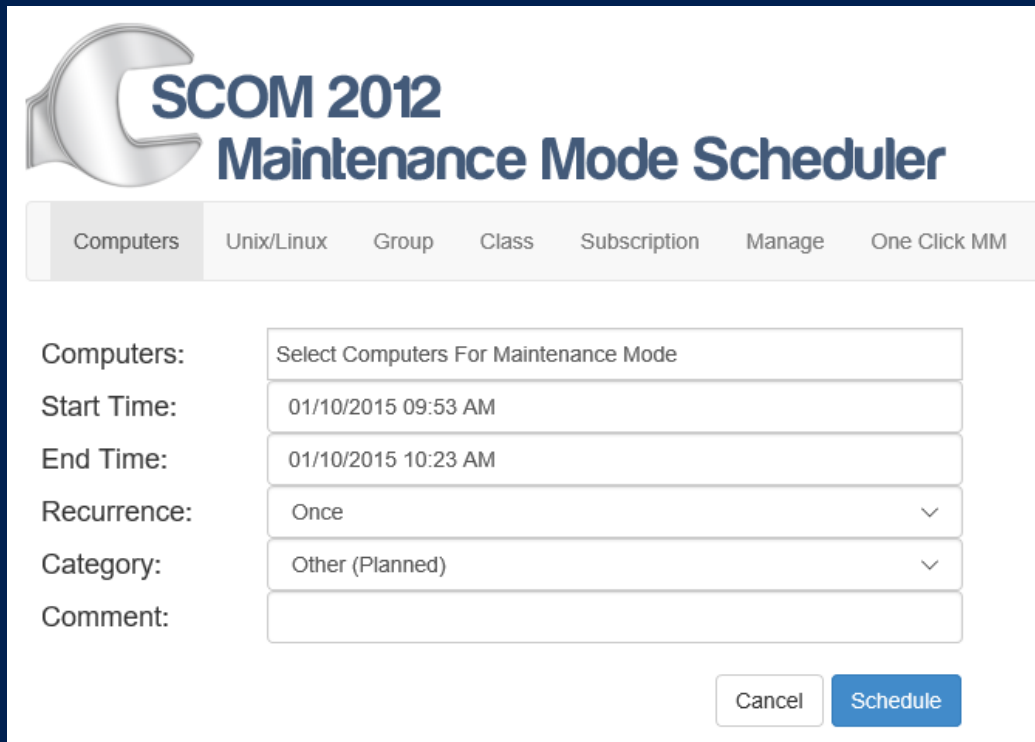
Other Recommended SCOM Resources

- OpsMgrExtended Module (Free) by Tao Yang
  - http://www.tyconsulting.com.au/portfolio/opsmgrextended-powershell-and-sma-module/
  - Azure Automation Integration Module (With Hybrid Worker)
  - Standard PowerShell Module
  - SMA Integration Module
  - Activities in Orchestrator Runbooks

```
PS C:\> get-command -module OpsMgrExtended

CommandType     Name                                               Version    Source
-----------     ----                                               -------    ------
Function        Add-OMManagementGroupToAgent                       1.1        OpsMgrExtended
Function        Approve-OMManualAgents                             1.1        OpsMgrExtended
Function        Backup-OMManagementPacks                           1.1        OpsMgrExtended
Function        Connect-OMManagementGroup                          1.1        OpsMgrExtended
Function        Copy-OMManagementPack                              1.1        OpsMgrExtended
Function        Get-OMDAMembers                                    1.1        OpsMgrExtended
Function        Get-OMManagementGroupDefaultSettings               1.1        OpsMgrExtended
Function        Get-OMManagementPack                               1.1        OpsMgrExtended
Function        Import-OpsMgrSDK                                   1.1        OpsMgrExtended
Function        Install-OpsMgrSDK                                  1.1        OpsMgrExtended
Function        New-OM2StateEventMonitor                           1.1        OpsMgrExtended
Function        New-OM2StatePerformanceMonitor                     1.1        OpsMgrExtended
Function        New-OMAlertConfiguration                           1.1        OpsMgrExtended
Function        New-OMComputerGroup                                1.1        OpsMgrExtended
Function        New-OMComputerGroupExplicitMember                  1.1        OpsMgrExtended
Function        New-OMConfigurationOverride                        1.1        OpsMgrExtended
Function        New-OMEventCollectionRule                          1.1        OpsMgrExtended
Function        New-OMInstanceGroup                                1.1        OpsMgrExtended
Function        New-OMInstanceGroupExplicitMember                  1.1        OpsMgrExtended
Function        New-OMManagementPack                               1.1        OpsMgrExtended
Function        New-OMManagementPackReference                      1.1        OpsMgrExtended
Function        New-OMModuleConfiguration                          1.1        OpsMgrExtended
Function        New-OMOverride                                     1.1        OpsMgrExtended
Function        New-OMPerformanceCollectionRule                    1.1        OpsMgrExtended
Function        New-OMPropertyOverride                             1.1        OpsMgrExtended
Function        New-OMRule                                         1.1        OpsMgrExtended
Function        New-OMServiceMonitor                               1.1        OpsMgrExtended
Function        New-OMTCPPortCheckDataSourceModuleType             1.1        OpsMgrExtended
Function        New-OMTCPPortCheckMonitorType                      1.1        OpsMgrExtended
Function        New-OMTCPPortMonitoring                            1.1        OpsMgrExtended
Function        New-OMWindowsServiceTemplateInstance               1.1        OpsMgrExtended
Function        Remove-OMGroup                                     1.1        OpsMgrExtended
Function        Remove-OMManagementGroupFromAgent                  1.1        OpsMgrExtended
Function        Remove-OMManagementPack                            1.1        OpsMgrExtended
Function        Remove-OMOverride                                  1.1        OpsMgrExtended
Function        Set-OMManagementGroupDefaultSetting                1.1        OpsMgrExtended
Function        Update-OMGroupDiscovery                            1.1        OpsMgrExtended
```
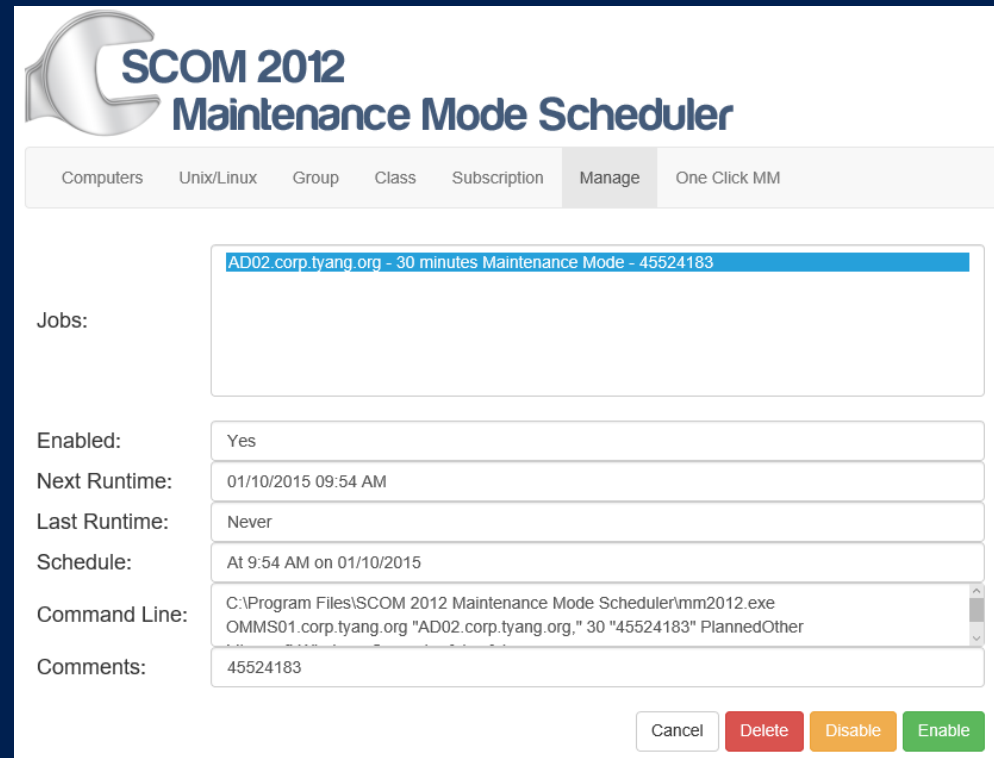
Other Recommended SCOM Resources

- SCOM 2012 Maintenance Mode Scheduler (Not Free)
  - http://www.scom2k7.com/scom-2012-maintenance-mode-scheduler/
  - Developed by Microsoft SCOM PFE Tim McFadden

Other Recommended SCOM Resources

- SCSM Entity Explorer (Free) by Dieter Gasser
  - https://gallery.technet.microsoft.com/SCSM-Entity-Explorer-68b86bd2
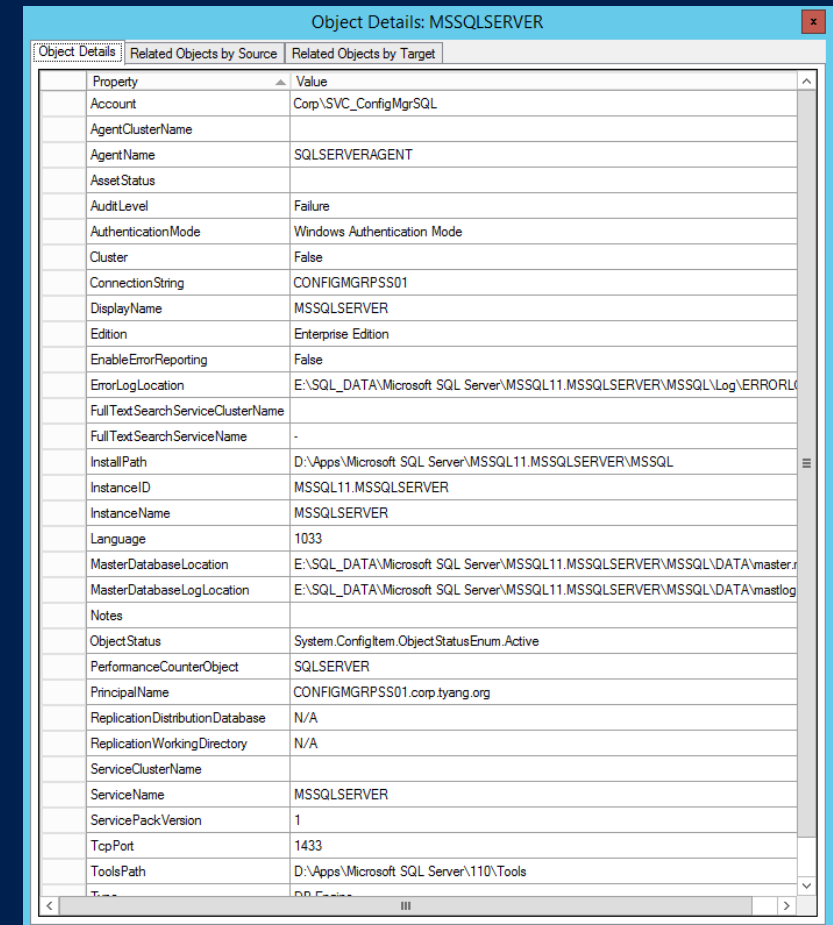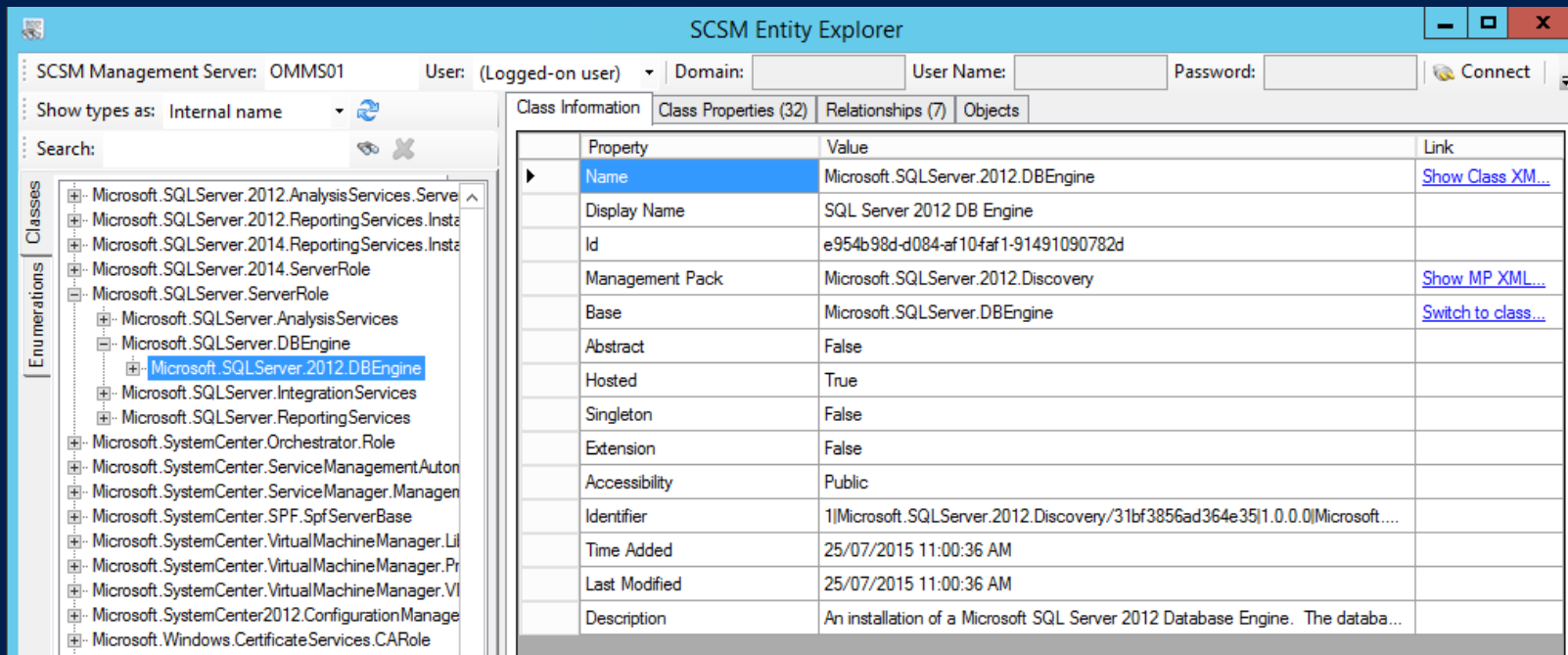
Other Recommended SCOM Resources

- MPViewer (Free) by Microsoft
  - Download: http://blogs.msdn.com/cfs-file.ashx/__key/communityserver-blogs-components-weblogfiles/00-00-00-41-89-SCOM+Tools/6560.MPViewer.2.3.3.zip
  - Source Code: https://github.com/dani3l3/mpviewer

Other Recommended SCOM Resources

- TechNet Gallery: https://gallery.technet.microsoft.com
  - 2 Child Categories Under "System Center"
    - Operations Manager
    - Operations Manager Dashboards

Other Recommended SCOM Resources

- Inside Podcast Network: http://ipn.tv
  - Operated by System Center MVPs:
    - Dan Kregor
    - Pete Zerger
    - Lee Berg
  - Also on YouTube:
    https://www.youtube.com/user/InsidePodcastNetwork

Recommended OMS Resources

- ➲ OMS Survival Guide – The Master List
  - ➲ http://social.technet.microsoft.com/wiki/contents/articles/31909.ms-operations-management-suite-survival-guide.aspx
- ➲ All About Microsoft Azure Operational Insights
  - ➲ MVA Course: https://www.microsoftvirtualacademy.com/en-US/training-courses/all-about-microsoft-azure-operational-insights-11756?l=7cOLAFlEB_6204984382
  - ➲ Also on Channel 9: https://channel9.msdn.com/Series/All-About-Microsoft-Azure-Operational-Insights

Recommended OMS Resources

- Stanislav Zhelyazkov (MVP) Blog:
  - https://cloudadministrator.wordpress.com
  - Azure OpInsights series: https://cloudadministrator.wordpress.com/2015/04/30/microsoft-azure-operational-insights-preview-series-general-availability-part-18-2/
  - Loads of other good OMS resources
- OMS Search How To Series
  - https://blogs.msdn.microsoft.com/dmuscett/2015/06/29/operations-management-suite-log-search-how-to-part-ix-the-distinct-command/

Questions?