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Quick Installation Guide

MetrixInsight for ADC

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Contents

Introduction 1

About 1

Intended Audience 1

Prerequisites 1

Supported Software 1

Firewall 2

ADC Instance Discovery 2

ADC Monitor Run As Account 3

Installation Steps 3

Create ADC Monitor Account 3

Import ADC Management Pack 3

Assign ADC Monitor Account 3

Good to Know 5

NetScaler License expiration Monitoring 5

Notice Statement 5

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Introduction

This document provides guidance for installing and configuring the MetrixInsight for ADC Management Pack in a Microsoft System Center Operations Manager 2012 R2/ 2016/ 2019 environment.

About

MetrixInsight for ADC is a Management Pack for Microsoft System Center Operation Manager (SCOM) designed to monitor your Citrix Application Delivery Controller appliances (formerly known as NetScaler).

Intended Audience

This document is written for people with a certain level of technical knowledge of Microsoft System Center Operations Manager (SCOM).

For a smooth implementation, we recommend to discuss and plan the implementation of this Management Pack with the Subject Matter Experts in the following technical area's:

- Microsoft System Center Operations Manager administrator/specialist
- Citrix Application Delivery Controller administrator/specialist
- Active Directory/Group Policy administrator/specialist
- Networking/firewall specialist

Prerequisites

This chapter contains the prerequisites for installation of the Management Pack as described in this guide.

Supported Software

The following Microsoft System Center Operations Manager releases are supported:

- System Center Operations Manager 2012 R2 (SCOM 2012 R2 UR2 or higher)
- System Center Operations Manager 2016 (SCOM 2016)
- System Center Operations Manager 2019 (SCOM 2019)

The following Citrix components are supported:

- Citrix ADC/NetScaler MPX/VPX instances running 11.1 or higher

Firewall

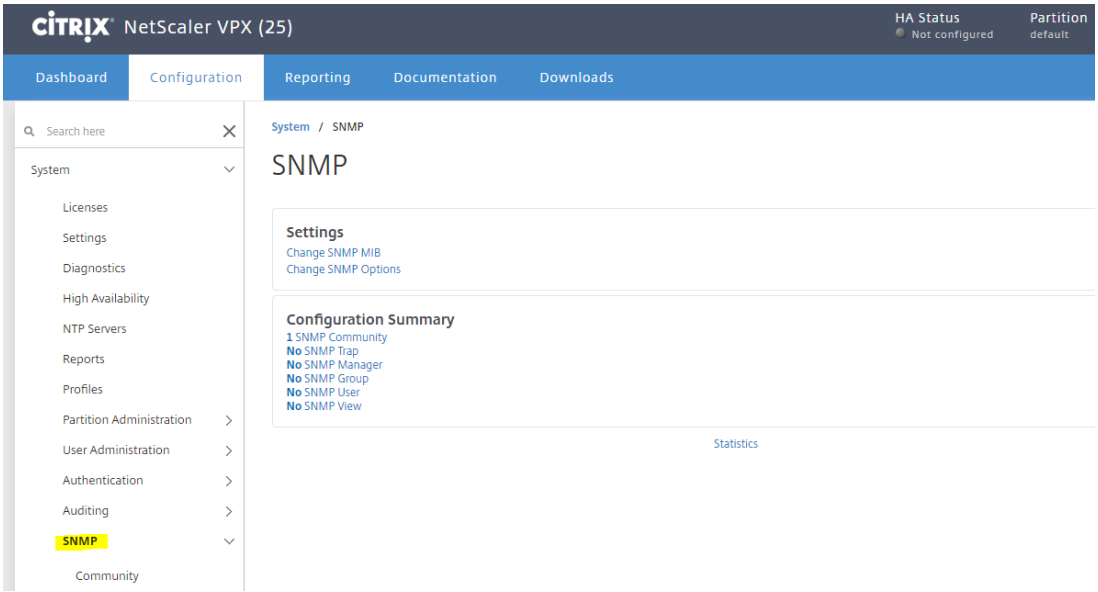
For the Management Pack to operate properly, the following firewall rules should be in place in addition to the standard firewall ports the SCOM platform requires:

Source	Protocol & port	Destination	Notes
Members of the Network Monitoring Resource Pool for ADC Device monitoring	HTTP (TCP 80), HTTPS (443)	Application Delivery Controller	

ADC Instance Discovery

You need to discover each logical ADC instance (MPX/VPX) based on ICMP and SNMP first by using a network device discovery rule as described here. Use the ADC Management IP(s) (NSIP) of the logical ADC instance(s) as input for the discovery.

Also make sure you have configured a SNMP community string with at least the GET permission on each logical ADC instance(s).

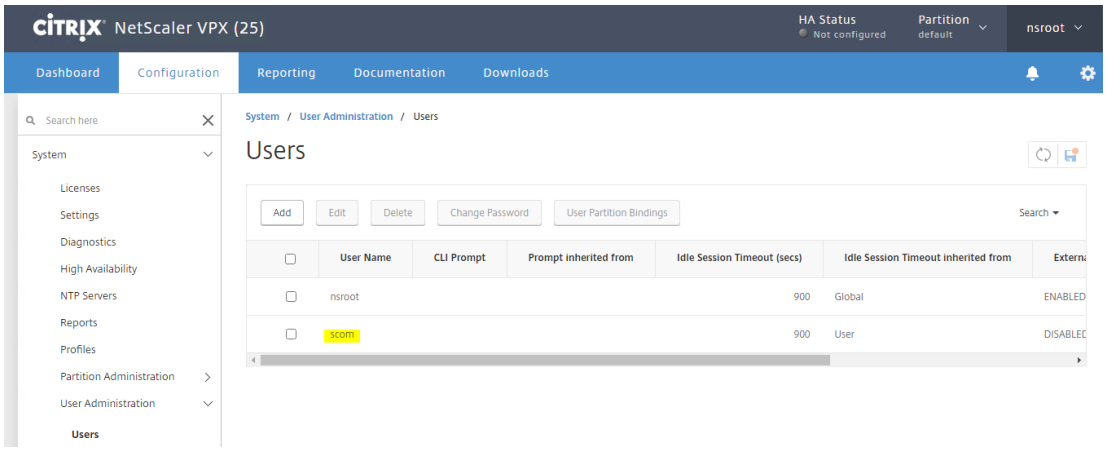


ADC SNMP Account Configuration in ADC console

ADC Monitor Run As Account

Configure a (domain) user account with the following permissions on your logical ADC instance, as this account will be used as the ADC Monitor Run As account within SCOM:

- Read-Only permission within the Default Admin Partition.



ADC Monitor Account configuration in ADC console

Installation Steps

Create ADC Monitor Account

- Navigate to SCOM Console | Administration | Run As Configuration and create an ADC Monitor Account using the (domain) user account that you created in paragraph (Optional) ADC Monitor Run As Account.

  Note! If you have multiple ADC instances that you want to monitor you can choose to either have one ADC Monitor Account for all ADC instances, or one ADC Monitor Account for each ADC instance.

  Note! Create an ADC Monitor Account with type Basic Authentication if you have configured a local user account on your ADC instance. Create one with type Windows if you have configured a domain user account on your ADC instance.

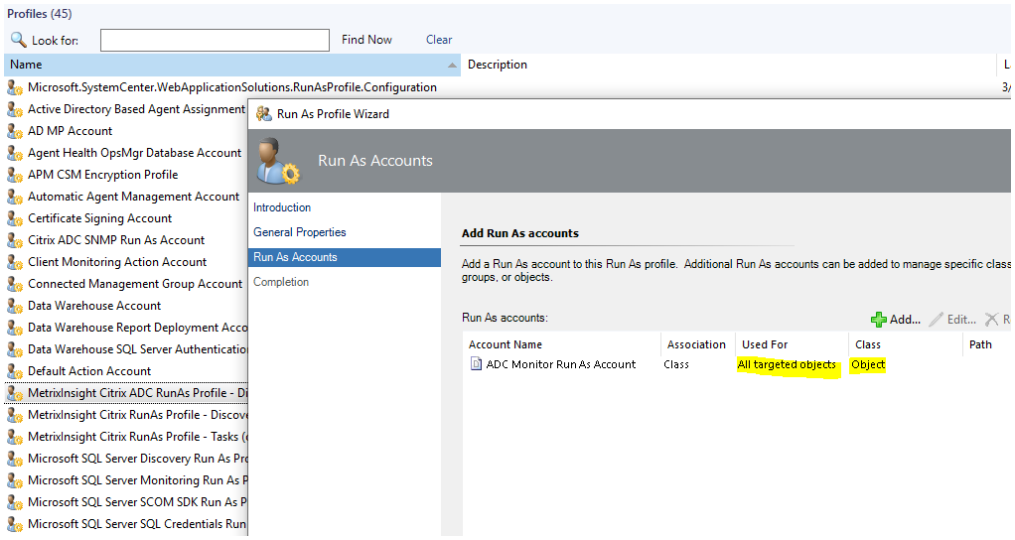
Import ADC Management Pack

- Import the following Management Pack file.

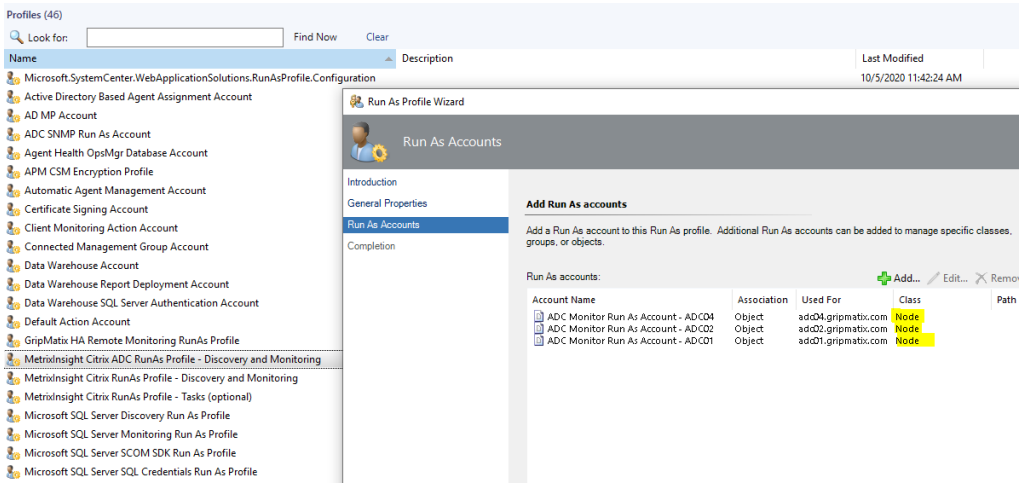
  MetrixInsight.EndUserComputing.Citrix.NS.mpb

Assign ADC Monitor Account

- Configure the MetrixInsight Citrix ADC Run As Profile – Discovery and Monitoring Run As Profile as shown in the following screenshot if you want to assign one ADC Monitor Run As Account to all ADC instances.



- Or configure the MetrixInsight Citrix ADC Run As Profile – Discovery and Monitoring Run As Profile as shown in the following screenshot. Each entry assigns an ADC Monitor Run As Account to an ADC instance.



Good to Know

NetScaler License expiration Monitoring

The NetScaler/ADC License Expiration monitor is only supported on NetScaler/ADC version 12.0 build 59 and higher

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