Dell OpenManage Server Administrator – Single Sign-On

Configuration and Use Cases Document

Harsha Naik
Abhilash Sastry
Reshmi P V
Enterprise Solution Group,
Dell Engineering
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Revisions

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1 Introduction: Open Manage Server Administrator Single Sign-On

This white paper contains information about configuring the Single Sign-On feature using NT LAN Manager Authentication on OpenManage Server Administrator (OMSA).

Dell OpenManage Server Administrator provides management solution from an integrated web browser-based graphical user interface (GUI). Server Administrator is designed for system administrators to locally and remotely manage systems on a network. It allows system administrators to focus on managing the entire network by providing a comprehensive one-to-one systems management solution.

Single Sign-On feature in OpenManage Server Administrator enables logged in users to directly access the Server Administrator web application avoiding the login page. This document describes the two different ways of using Single Sign-On feature available in OpenManage Server Administrator.

OpenManage Server Administrator Single Sign-on is implemented using Microsoft’s Security Support Provider Interface (SSPI) and NT LAN Manager Authentication.
2 Deployment and configuration

2.1 Prerequisites
Enable NT LAN Manager Authentication on Windows network

2.2 Support
- Windows-only solution.
- Supports Internet Explorer only.
  Feature built on Microsoft’s NT LAN Manager Authentication and Security Support Provider Interface (SSPI).

2.3 Configurations
The following sections describe how to configure and use Single Sign-On Authentication on local and remote systems through OpenManage Server Administrator.

Note: The term remote system section does not refer to remote enablement (DWS) login mechanism.

2.3.1 Accessing the Server Administrator on a local system using SSO
Use Case:
Server Administrator is installed on a local machine and the user is trying to launch Server Administrator using desktop icon.

Browser configurations required on the local system:
1. On the Internet Explorer browser, go to Tools → Internet Options → Security tab.
2. Select the zone as Trusted sites, click Sites, and add website to the zone.
3. Click Custom Level and in User Authentication settings ensure that Automatic logon with current username and password is selected
5. Click Desktop icon to directly launch Server Administrator pages.

2.3.2 Accessing the Server Administrator on a remote system using SSO
Use Case:
Server Administrator is installed on a remote machine and the user is trying to remotely launch Server Administrator from a local system.
Browser configurations required on the local system:

1. On the Internet Explorer browser, go to **Tools ➔ Internet Options ➔ Security** tab.
2. Select the zone as **Trusted sites**, click **Sites**, and add website to the zone.
3. Click **Custom Level** and in **User Authentication** settings ensure that **Automatic logon with current username and password** is selected.
4. Go to **Advanced Tab**. In **Security** settings, ensure **Enable Integrated Windows Authentication** is enabled.
5. Perform the following steps on the local system if you still have problem logging in with Single Sign-On.
   a. Click **Start ➔ Run**, and then type **secpol.msc**.
   b. On the left pane, expand **Local Policies**, and then click **Security Options**.
   c. On the right pane select **Network security: LAN Manager authentication level**, right-click and select **Properties**. In the Network security drop down list, select the authentication level as **Send LM & NTLM responses**.
   d. Make sure Active Directory login credentials for Server Administrator web application is the same across all the systems in the network.
   e. Use the following URL to launch Server Administrator installed on a remote system through SSO.
      

```
https://<SERVER_ADDRESS>:1311/?authType=ntlm&locallogin=true&application=omsa
```

### 2.3.3 Configuration error

If you do not configure the browser as explained, a pop-up window is displayed each time you try to access Server Administrator using SSO. The pop-up window is as follows:

![Windows Security Pop-up Window](image)

**Action to be taken:** Click **Cancel** to reach the Server Administrator login page.