Dave Mulford's Blog:Active Directory Domain Services Setup

Posted by Dave Mulford Jan 18, 2018
This post will walk you through installing and configuring Active Directory Domain Services on Window Server 2012 R2. This post is part 1 in a series about setting up Red Hat's mod_auth_mellon with Microsoft's Active Directory Federation Services.

This guide assumes you've setup a Windows 2012 R2 server with a static IP address.

Install the Active Directory Domain Services feature

Go into **Server Manager** and click **Add Roles and Features**. Click the **Next** button until you get to the **Server Roles** screen.

Check the **Active Directory Domain Services** feature, and click **Add Features** when prompted to add any extra management features, then click **Next**.

Click **Next** to advance past the **Select Features** and **AD DS** screens, then click **Install** to begin the installation.

Configure the Active Directory Domain Services feature

Go into **Server Manager** and find a flag with a warning icon next to it, near the top of the screen. Click the flag to open a menu, then click the **Configure Active Directory Domain Services** in the Post-Deployment Configuration item to open the **AD DS Configuration** window.

On the **Deployment Configuration** screen, choose the following options, then click **Next**.
- Select the **Add a New Forest** radio button
- Enter a **Root domain name** in the text box provided. An example domain name is mydomain.com

On the **Domain Controller Options** screen leave everything as default, except:
- Uncheck the **Domain Name System (DNS) server** option (we'll use /etc/hosts to provide name resolution)
- Enter a **restore mode password**
- Click **Next**

On the **Additional Options** screen, wait for the NetBIOS domain name field to automatically populate, then click **Next**.

On the **Paths** screen, click **Next** to accept all of the default options.

On the **Review Options** screen, click **Next** after reviewing the options you've selected.

On the **Prerequisites Check** screen, click **Install** after the prerequisites check completes. The server will automatically reboot after the domain is configured.

Once the server reboots, login with your username and password. You should now be logged into your domain as an administrator.

49 Views Tags: active-directory, mod_auth_mellon, windows servers

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