

Set Preferred Active Directory Domain Controllers



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Applies to: Hammerspace 5.2 and later.

In a geographically distributed Active Directory environment, authentication is faster when the cluster talks to the domain controllers nearest to it. Naming preferred domain controllers puts them at the front of the list the cluster works through.



This is a preference, not a restriction. The named controllers are tried first; if they cannot be reached, the cluster falls back to the others it knows about.

1. Set Them While Joining Active Directory

In the GUI, go to **Infrastructure > Active Directory**. Enter the domain name, login name, password, and organizational unit if you need one. Under **AD Servers**, select **Manual**, then add the domain controllers in the order you want them tried, using the **+** control.

Status: Not Joined

* Domain Name: i

* Login Name: i

* Password: 🔒

Organizational Unit: i

AD Servers: ☐ Auto ☒ Manual i

+

SMB ↔ NFS User Mapping: i

[Join Active Directory](#)

Figure 1. Naming preferred domain controllers while joining a domain

Click **Join Active Directory**.

2. Change Them on a Cluster That Has Already Joined

Go to **Infrastructure > Active Directory**, select **Manual**, and add the domain controllers in the order you want using **+**. Click **Update**.

Status: Joined [Details](#)

Configure DNS Regi

* Domain Name: [i](#)

* Login Name: [i](#)

Organizational Unit: [i](#)

AD Servers: ☐ Auto ☒ Manual [i](#)

SMB ↔ NFS User Mapping: [i](#)

Figure 2. Changing the preferred domain controllers on a joined cluster