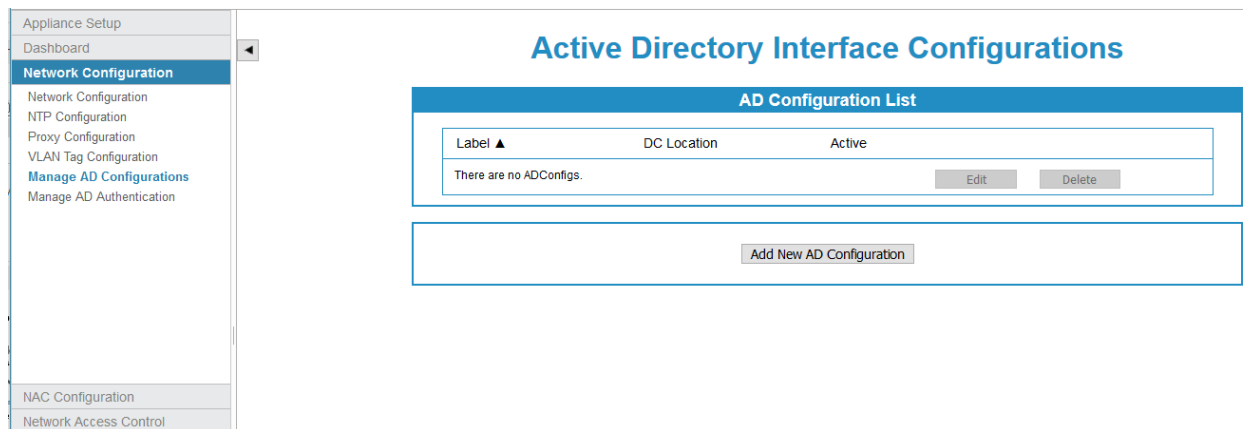


Active Directory Integration

The NETSHIELD Active Directory (AD) Integration feature has been completely reworked. This feature no longer requires an agent to be installed on the domain controller. Instead, the appliance will periodically poll the domain controller for login events. This feature also allows events to be polled from multiple domain controllers.

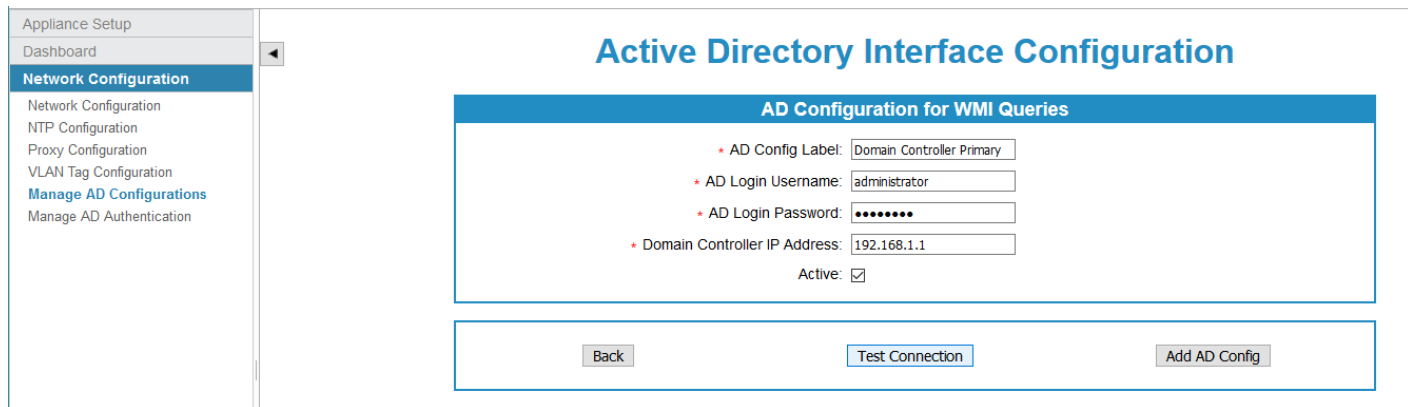
The IP and login credentials for each Domain Controller are simply added on the Active Directory Interface Configuration page.

To Add A Domain Controller



The screenshot displays the NETSHIELD web interface. On the left is a navigation sidebar with the following items: Appliance Setup, Dashboard, Network Configuration (highlighted), Network Configuration, NTP Configuration, Proxy Configuration, VLAN Tag Configuration, Manage AD Configurations (highlighted), Manage AD Authentication, NAC Configuration, and Network Access Control. The main content area is titled "Active Directory Interface Configurations" and features a table titled "AD Configuration List". The table has three columns: "Label ▲", "DC Location", and "Active". The table is currently empty, showing the message "There are no ADConfigs." and buttons for "Edit" and "Delete". Below the table is a button labeled "Add New AD Configuration".

Click on Add New AD Configuration and enter the Domain Controller information.



Appliance Setup
Dashboard
Network Configuration
Network Configuration
NTP Configuration
Proxy Configuration
VLAN Tag Configuration
Manage AD Configurations
Manage AD Authentication

Active Directory Interface Configuration

AD Configuration for WMI Queries

- AD Config Label: Domain Controller Primary
- AD Login Username: administrator
- AD Login Password: ●●●●●●
- Domain Controller IP Address: 192.168.1.1

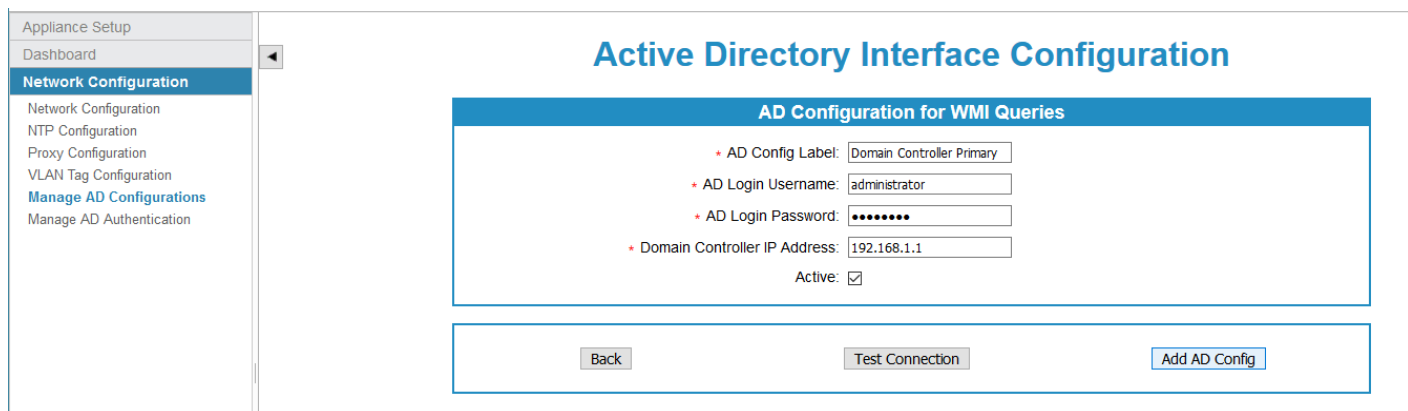
Active:

Back Test Connection Add AD Config

Enter a descriptive label, username, password and Domain Controller IP address.

Click on Test Connection to verify connectivity.

The account used needs to have access to the event log.



Appliance Setup
Dashboard
Network Configuration
Network Configuration
NTP Configuration
Proxy Configuration
VLAN Tag Configuration
Manage AD Configurations
Manage AD Authentication

Active Directory Interface Configuration

AD Configuration for WMI Queries

- AD Config Label: Domain Controller Primary
- AD Login Username: administrator
- AD Login Password: ●●●●●●
- Domain Controller IP Address: 192.168.1.1

Active:

Back Test Connection Add AD Config

Add additional Domain Controllers as needed.

While Main and Backup Domain Controllers are a typical configuration, it is possible to have more so additional Domain Controllers can be added as needed based on network configuration and customer requirements.

Note if an existing AD Authentication Configuration exists it will become the first entry in the Active Directory Interface Configuration

If agents are currently installed on the Domain Controller they will no longer be used and can be removed.

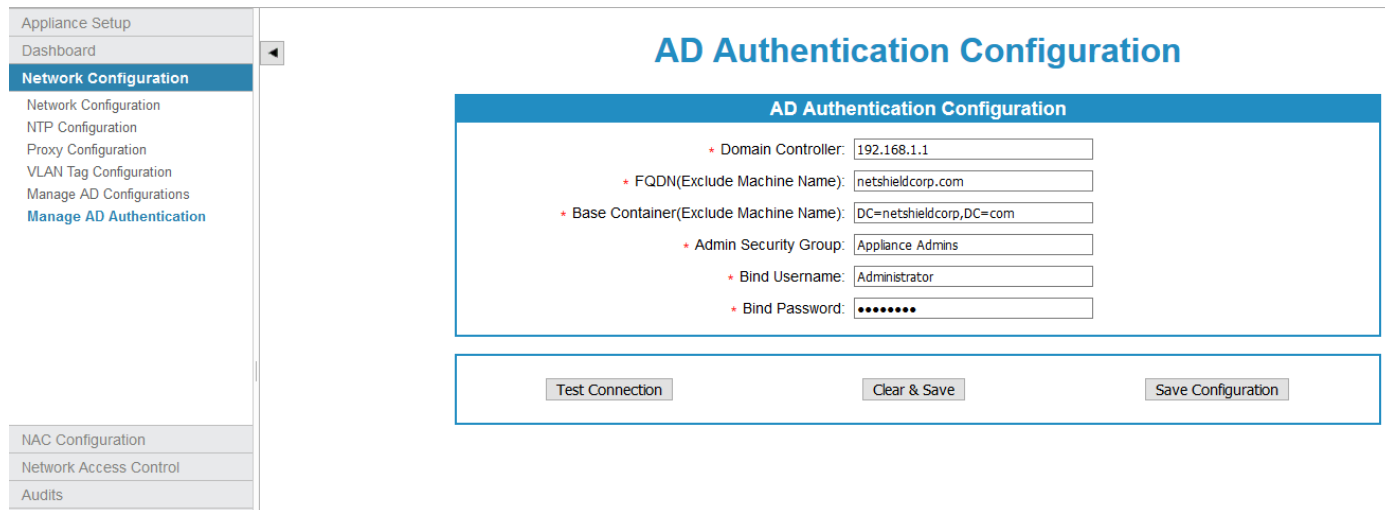
Configure AD Authentication

The current LDAP authentication functionality that allows AD logins to be used to login to NetSHIELD will remain the same.

Note if there is a current AD Authentication Configuration it will automatically be entered.

IMPORTANT:

The Bind Username should be the Administrator and needs to be a member of the Admin Security Group.



The screenshot displays the NetShield web interface. On the left is a navigation menu with the following items: Appliance Setup, Dashboard, Network Configuration (highlighted), Network Configuration, NTP Configuration, Proxy Configuration, VLAN Tag Configuration, Manage AD Configurations, Manage AD Authentication (highlighted), NAC Configuration, Network Access Control, and Audits. The main content area is titled "AD Authentication Configuration" and contains a form with the following fields:

- Domain Controller: 192.168.1.1
- FQDN(Exclude Machine Name): netshieldcorp.com
- Base Container(Exclude Machine Name): DC=netshieldcorp,DC=com
- Admin Security Group: Appliance Admins
- Bind Username: Administrator
- Bind Password: [Redacted]

At the bottom of the form are three buttons: "Test Connection", "Clear & Save", and "Save Configuration".