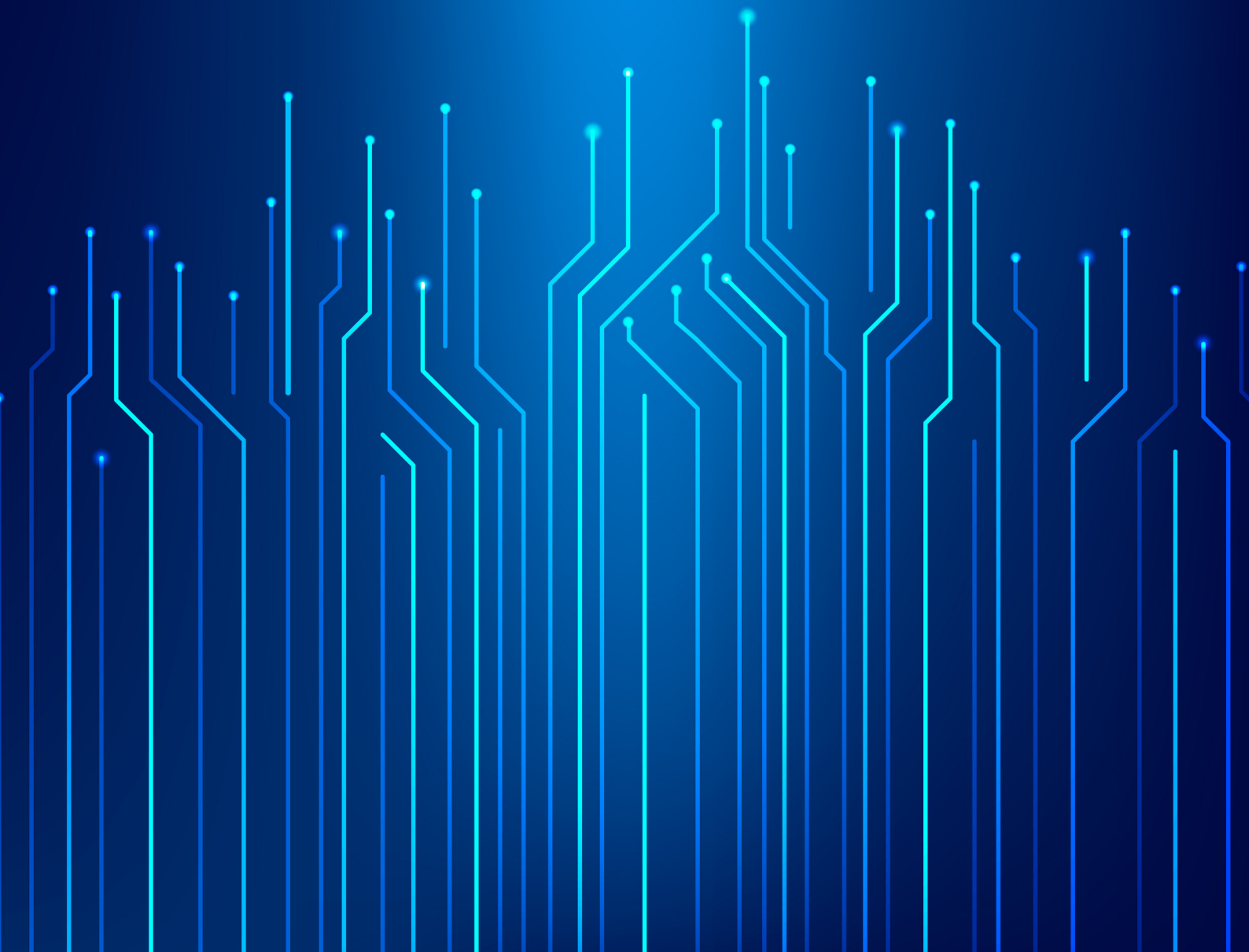
GAJSHIELD
Progressive Security

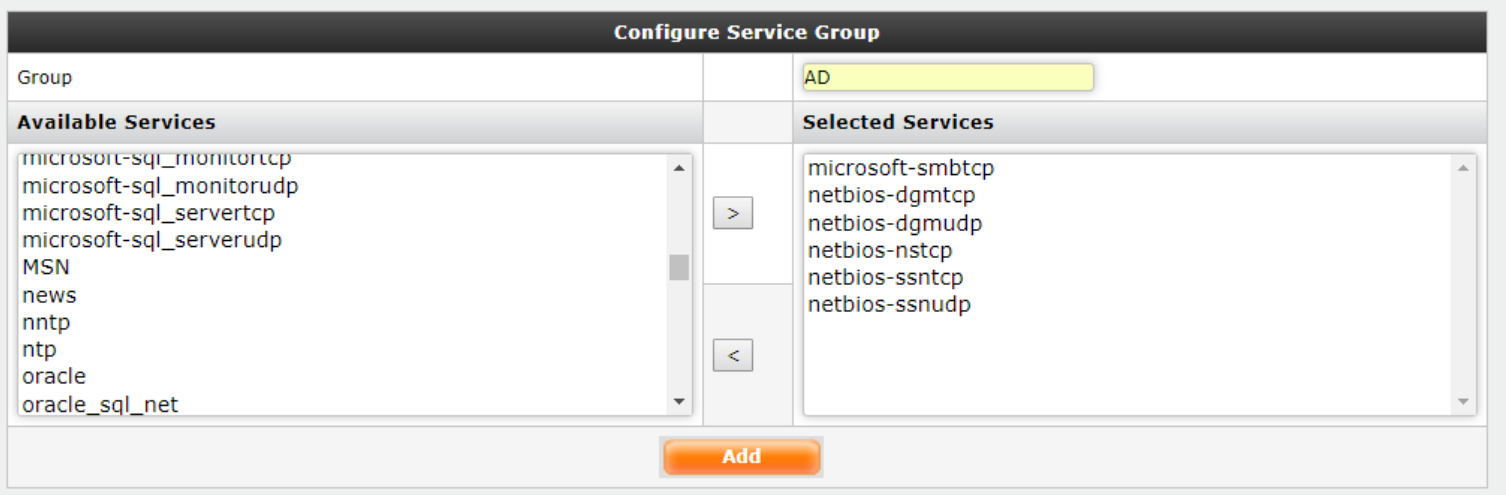
How to configure AD on your firewall



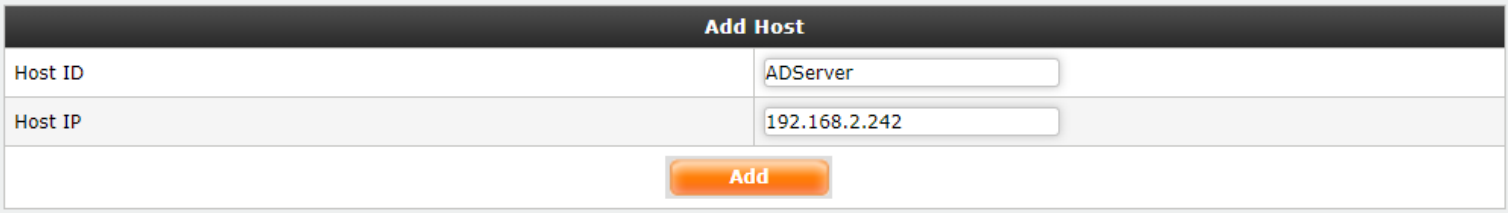
How to configure AD on your firewall

Active Directory is Microsoft's trademarked directory service, an integral part of the Windows architecture. Active Directory is a centralized and standardized system that automates network management of user data, security, and resources.

Step 1: Create a service group on the firewall by going to Definitions -> Protocols and Services -> Configure Service Group.

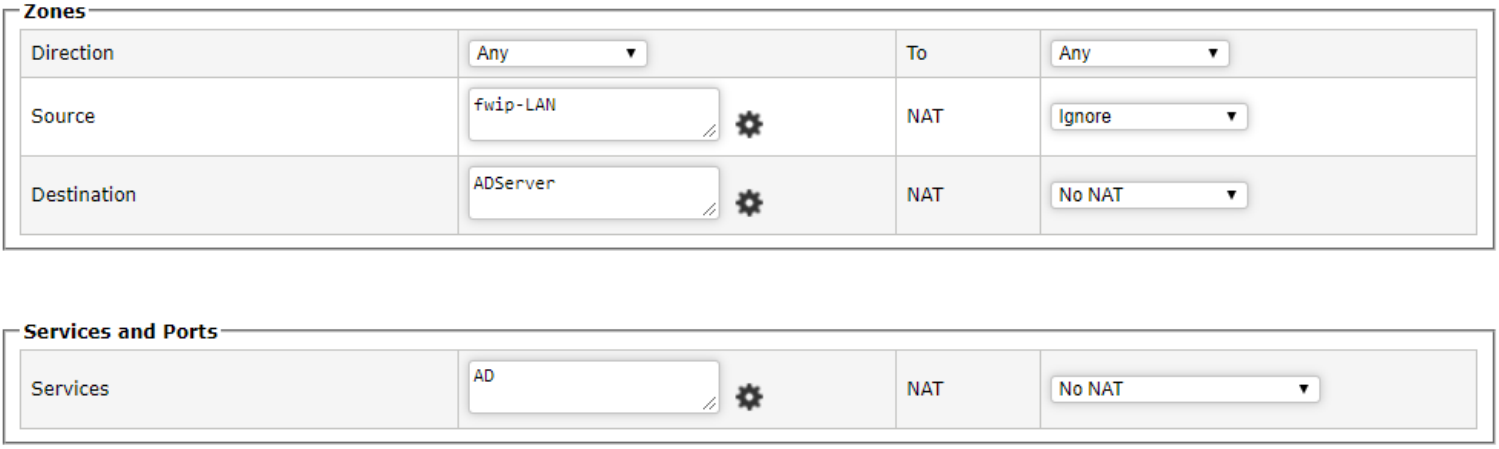


Step 2: Create a host by going to Definitions-> Hosts and add ADServer as a host by specifying the appropriate IP Address.



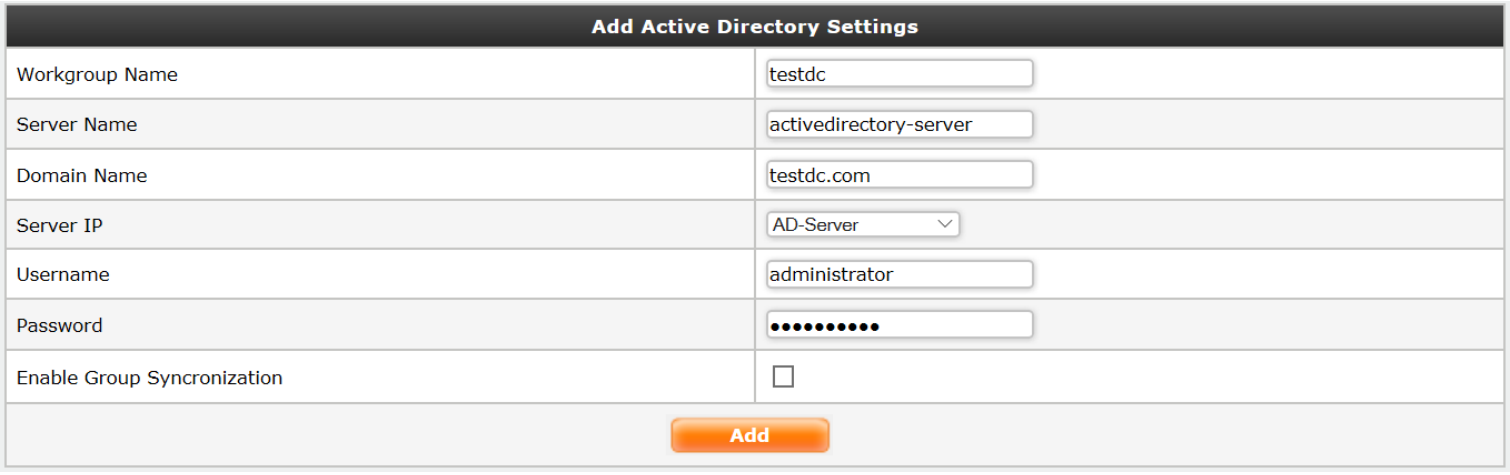
Step 3: Now create the rules for allowing AD service through the GajShield firewall by going to Firewall -> Policies -> Rules

You will need to add a rule by going on Firewall -> Policies -> Rules & use ADServer in services tab, to allow the firewall to access the Active Directory Server as shown below.



NOTE: After adding the firewall rules, install the firewall policies by going to Firewall -> Policies -> Install Policies

Step 3: Now go to Configuration -> User Management -> Active Directory and configure AD as shown below.



Workgroup name: Type you domain name without abbreviation. (Example: Domain name is testdc.com, only insert testdc).

Server name: Insert the host name / NetBIOS name of the server.

Domain name: Insert Domain name. (Example: Domain name is testdc.com, insert the same).

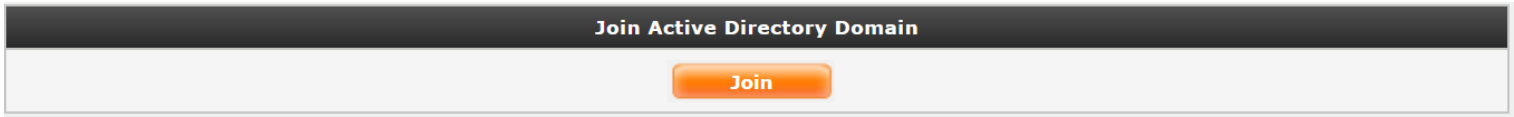
Server IP: Select the Domain controller LAN IP Host.

Username: Provide username of an administrator or any user with administrative right. (Recommended is administrator user).

Password: Insert password of the user in the Username field.

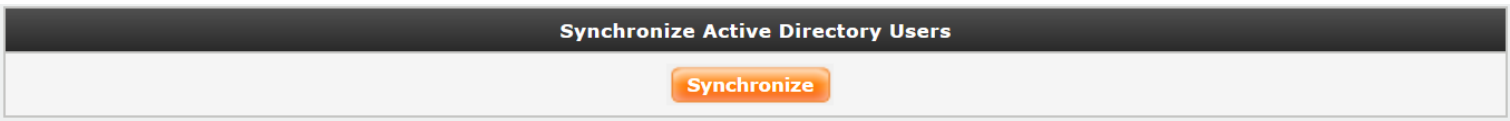
Enable Group Synchronization: Check if you want to enable user group synchronization from active directory.

Join Active Directory Domain



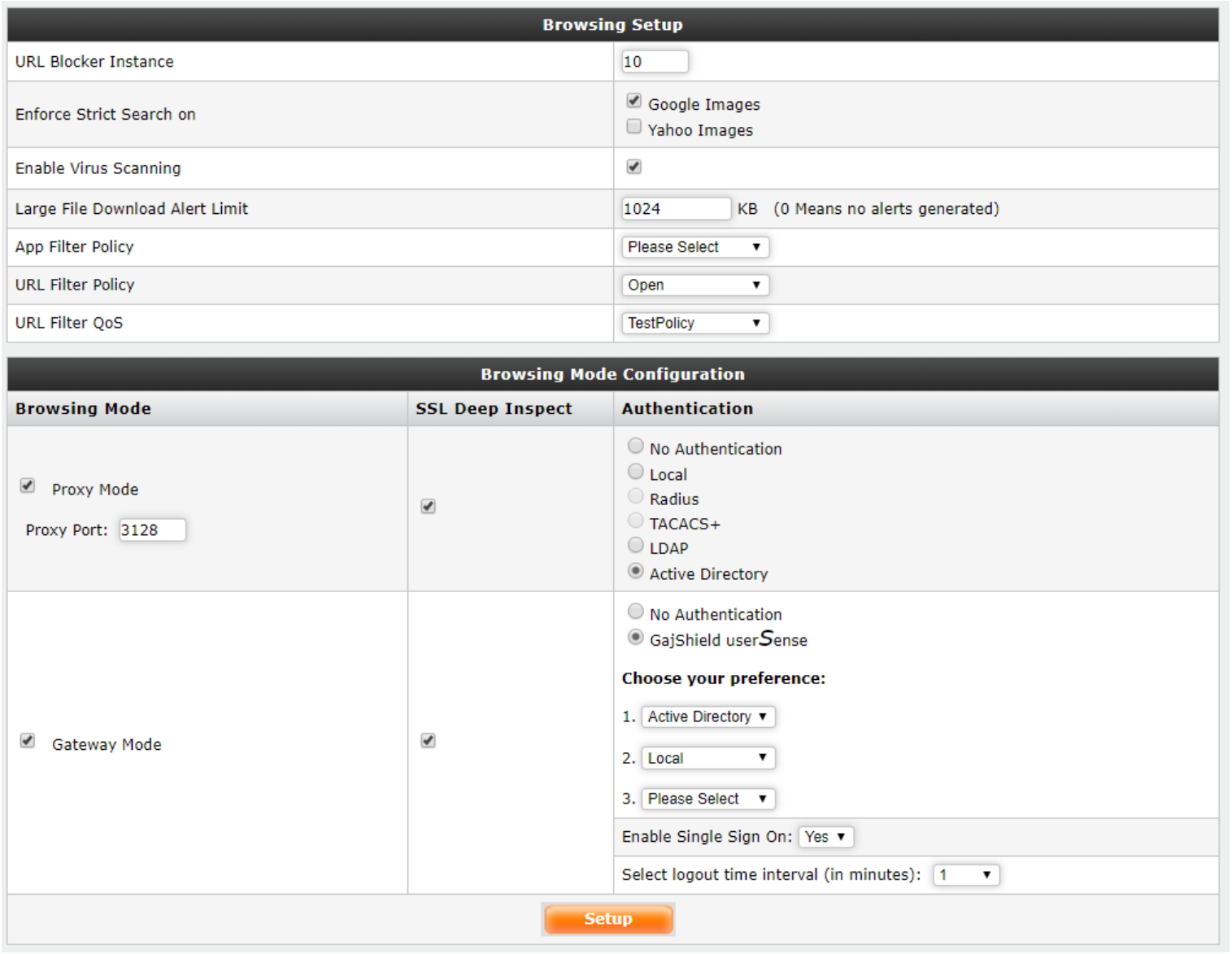
Join Active Directory Domain: After adding active directory settings, click on Join button to join active directory domain server.

Synchronize Active Directory Users



Synchronize Active Directory Users: After joining the active directory domain server, click on Synchronize button to synchronize active directory domain server users and groups.

NOTE: You will have to specify Active Directory option by going to Browsing -> Setup -> Browsing Options, tick on userSense and specify Active Directory from the drop down menu.



NOTE: Active Directory domain groups will only synchronize if "Enable Group Synchronization" is selected under Active Directory Settings.

Thus, you have configured AD on your firewall.