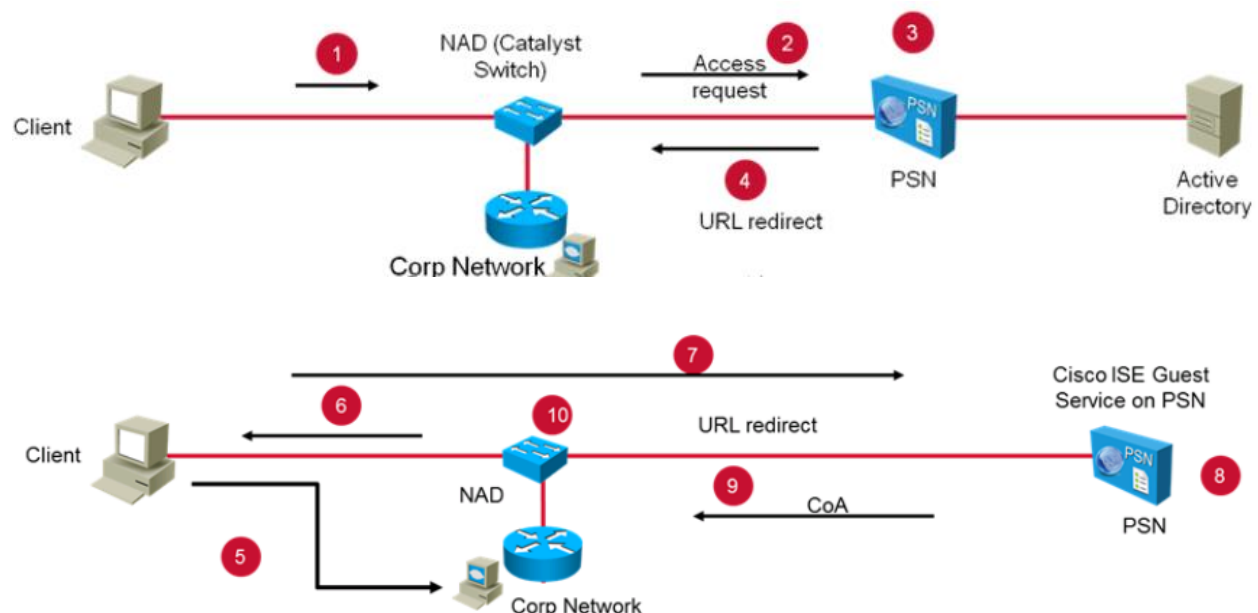
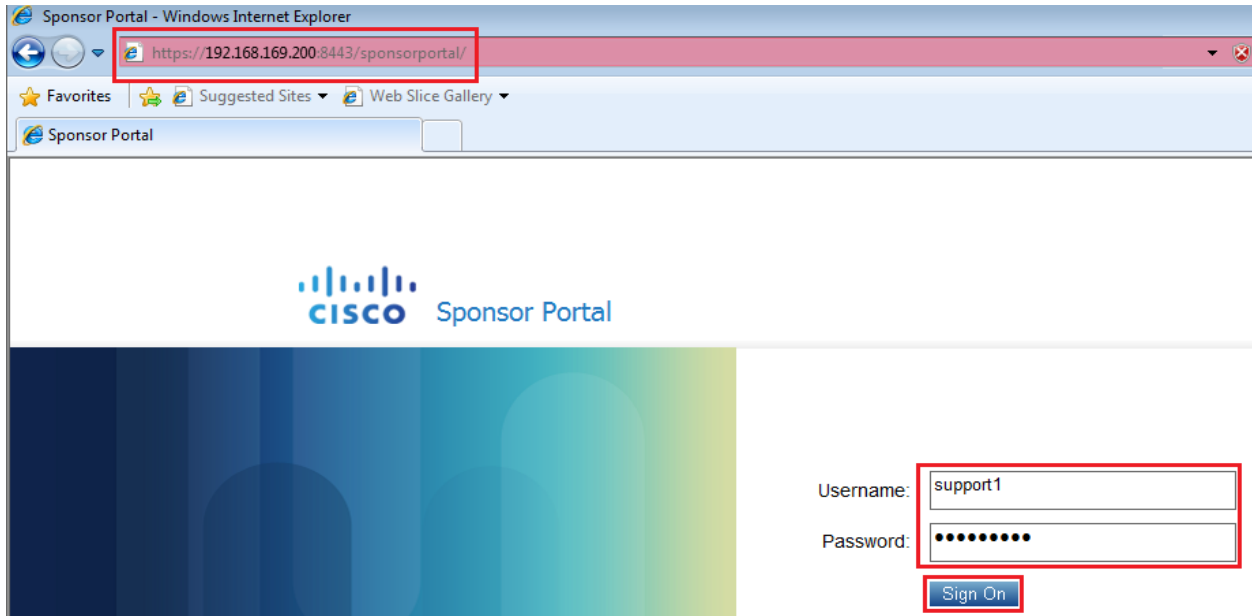


## Web Authentication:

- o Enable authentication and authorization via HTTP or HTTPS portal.
- o Automatic HTTP or HTTPS redirection to the authentication portal.
- o Deployed for visitors, guests and optionally as 802.1X fallback.
- o Web Authentication supports by both wired and wireless access.
- o User is redirected to the Cisco ISE web service for authentication.
- o Cisco ISE sends CoA request to Network Access Device after authentication.
- o CWA is for interactive users who have web browser, manually enter details.
- o Multiple devices will require configuration to enable Central Web Authentication.
- o Such as a redirection ACL, & ISE need authentication & Authorization rules set up.
- o Central Web Authentication is the process in which web-based authentication.
- o When Client failed to authenticate via Dot1x or MAB, Client is redirected to Web Portal.
- o Authorization profile configured on Authentication server will authorize this guest login.
- o Central Web Authentication are, it configures along with dot1x and MAB authentication.
- o Switch must run HTTP & HTTPS service & have redirect ACL to support Central WebAuth.
- o Central Web mostly often used for centralized guest authentication & authorization.
- o User is authenticated in the web portal hosted on Cisco Identify Service Engine.
- o Central Web Authentication makes use of 802.1x or MAB to trigger the process.
- o Central Web is Layer 3 authentication method endpoint requires an IP address.

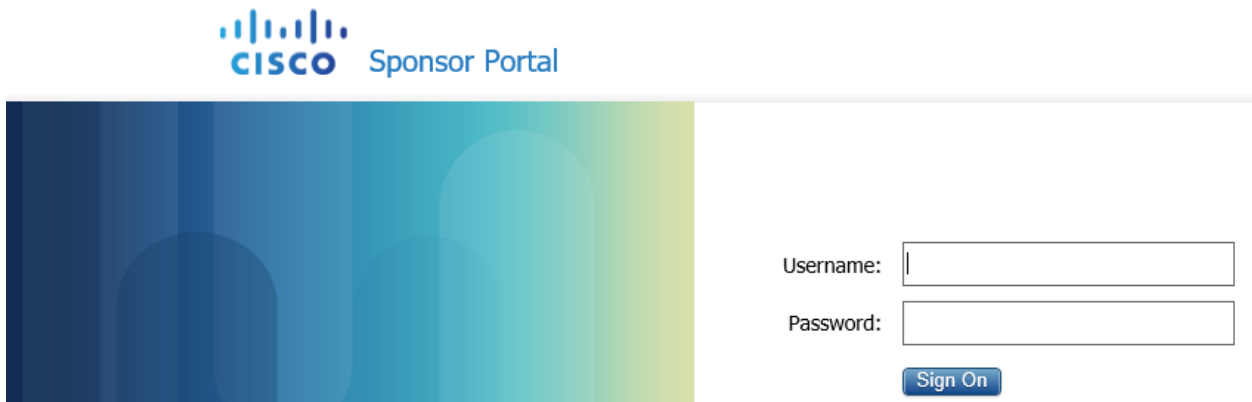


From Web Authenticated system login to sponsorportal with already created username. After login create guest to users accounts to login.



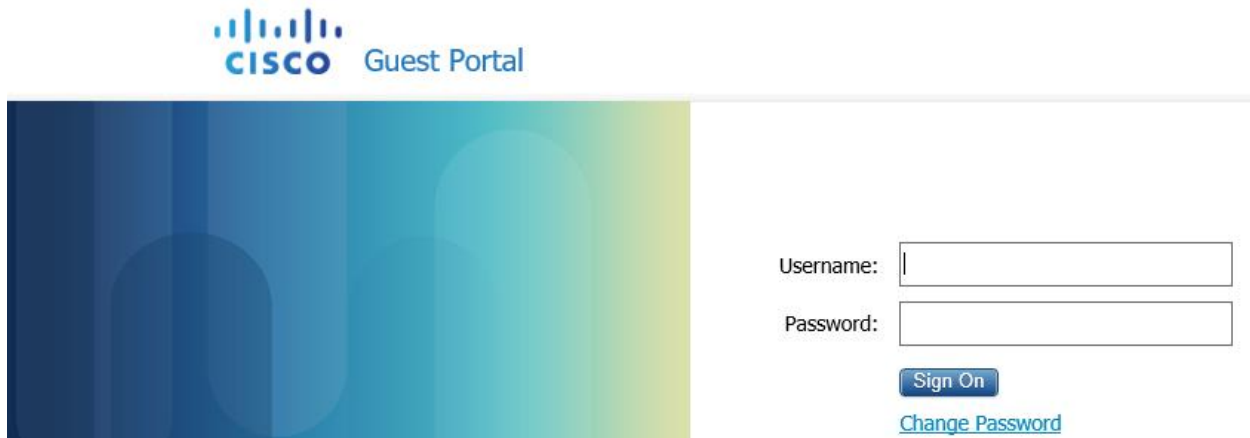
### Sponsor Portal:

- o Sponsor portal is a web-based portal use to create guest accounts for visitors.
- o Sponsor portal create temporary accounts for authorized visitors to access network.
- o Sponsor portal create temporary accounts for authorized visitors to access Internet.
- o After creating accounts, sponsor portal can be used to provide account details to guest.
- o Sponsor portal can be used to suspend, extend, delete, approve or deny accounts.



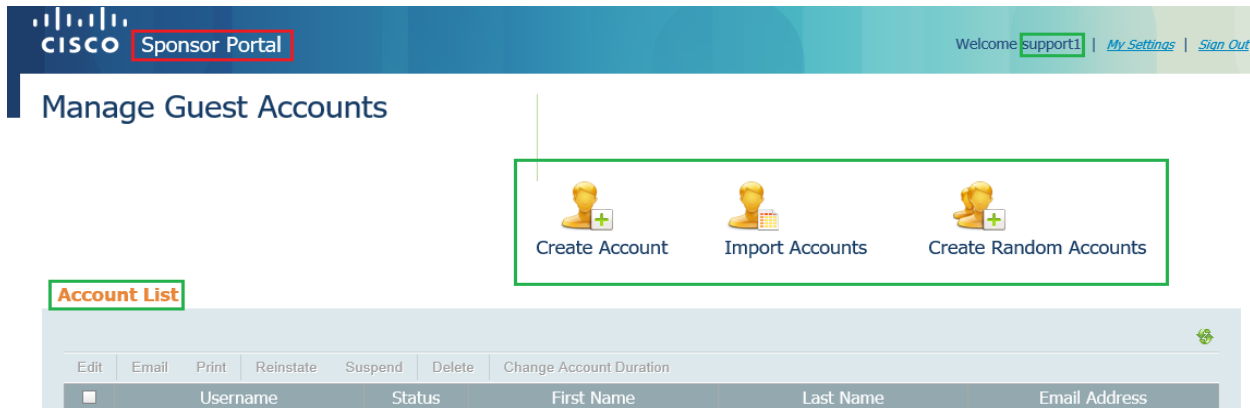
### Guest Portals:

- o Guest portal is a set of special web pages that provide guest services to visitors.
- o Guest portals protect your company's network from unauthorized users access.
- o Temporary visitors can connect to company's network directed to Guest portal.
- o Guest portals provides network access without requiring them to log in.



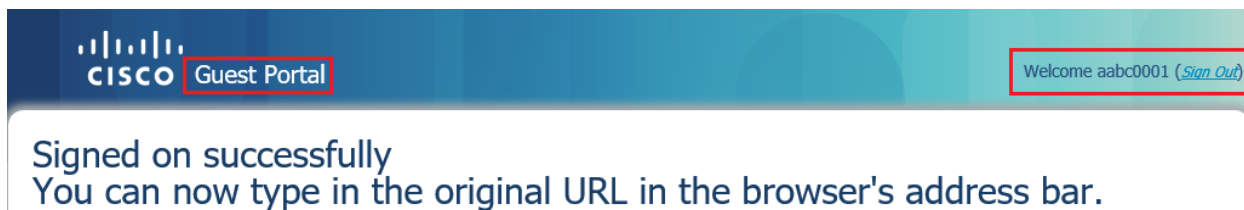
### Sponsor Account:

- o Sponsor is individual responsible for creating & managing guest user account.
- o Access the Sponsor portal to view guest accounts created by a sponsor account.
- o Use Sponsor portal to create temporary accounts for authorized visitors for access.
- o Use Sponsor portal to manage guests' accounts & provide account details to guests.



### Guest Account:

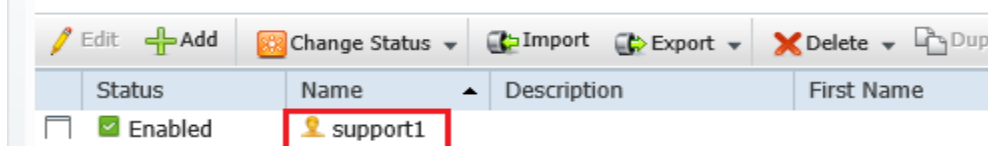
- o Guests typically represent authorized visitors, contractors or customers.
- o Guests are other users who require temporary access to access the network.
- o Guests accounts can be used for employees if want guest deployment scenarios.
- o Access the Sponsor portal to view guest accounts created by a sponsor account.
- o In addition, Sponsor portal can show guest accounts created by self-registering guests.
- o Guests can also create their own accounts by registering themselves Guest portal.
- o Self-registering guests need sponsor approval before they receive login credentials.



**Employees:**

- o Employees are included in identity stores such as Active Directory or Internal Users.
- o Employees can also gain access through the credentialed Guest portals.
- o Employees can gain access to Sponsored-Guest and Self-Registered Guest portals.

**Network Access Users**



**Contractor:**

- o Users who need access to network for extended amount of time, up to a year.

**Daily:**

- o Guests who need access to the resources on the network for just 1 to 5 days.

**Weekly:**

- o Users who need access to the network for a couple of weeks.

**SponsorAllAccounts:**

- o These sponsors can manage all guest accounts on your ISE network.

**SponsorGroupGrpAccounts:**

- o Can manage only guest accounts created by sponsor users from the same sponsor group.

**SponsorGroupOwnAccounts:**

- o These sponsors can manage only those guest accounts that they have created.

