

Splashtop On-Prem Clustering Setup Guide for Centralized Session Recording v1.0

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1. Preparation

1. **Prepare a shared folder:** Set up a shared folder for recordings (Password protection is required.)
2. **Create Subfolder:** Inside the shared folder, add a subfolder, e.g., `\session_recording`, to store recording files.
3. **Stop Services:** Stop the *Splashtop® Gateway Clustering Service* on the load balancer.

2. Relay nodes (including main nodes and extra relay nodes)

1. **Edit Configuration:** Open `{InstallDir}\relay\relay.yaml` using Notepad++ (or similar) as **Administrator**. The default path is `C:\Program Files\Splashtop\Splashtop Remote\Splashtop Gateway Clustering\`. Edit below section:

```
1 # This is a yaml file
2 ...
3 RelayRecording:
4   NetworkPath:      '\\servername_or_ip\shared-folder'
5   PersistPath:      '\session_recording'
6   SharedAccount:    account_name
7   SharedPassword:   password_of_the_shared_account
8   LanIP:            IP_of_this_computer
9   MappingDriver:    "z:"
10  APIFrontend:      https://example.domain.com:port
```

Pro Tips

- Remove the “#” when updating the parameters to apply the changes.
- “NetworkPath” - Use the UNC path for the shared folder.
 - **Required:** If left blank, Centralized Session Recording will be disabled
- “PersistPath” - This is the subfolder in “NetworkPath”. (eg., `\session_recording`)
 - **Note:** This folder must be created manually.
- “SharedAccount” - Enter the username with permissions to access the shared folder.
- “SharedPassword” - Provide the password associated with the specified “SharedAccount” for shared folder access.
 - **Note:** Blank passwords aren't allowed.
- “LanIP” - Use the IPv4 address of the local machine.
- “MappingDriver” - Specify the mapped drive label (e.g., `"z:"`). If left blank, the service will assign an available drive automatically.
- “APIFrontend” - This URL represents the primary external entry point address that users access to reach the web console.
Syntax example: `https://example.domain.com:port` or `https://192.168.2.1:443`

2. **Save Changes:** Update and save `relay.yaml` for **all relay nodes**.

3. Load balancer

1. **Edit Configuration:** Use Notepad++ or equivalent text editor to open `{InstallDir}\Splashtop Gateway`

`Clustering\reverseProxy\caddy.yaml` as **Administrator**, edit below section:

```
1 # This is a yaml file
2 ...
3 SRIDSServer:
4   - mainnode1_ip:6080
5   - mainnode2_ip:6080
6   - extrarelay_ip:6080
```

Pro Tip

“SRIDSServer” - Replace with the actual IP addresses of the main nodes and extra relay nodes (if applicable). All IP addresses must be in IPv4 format.

2. **Save changes.**

4. Main nodes

Configure “SRIDS Server” to point to “Load Balancer” using one of the below approaches:

- **Approach 1: Web Portal**
 - Navigate to **Settings > Team settings > General** on the web portal, and set up the “GatewayURL”.
- **Approach 2: Command Line**
 - Go to `{InstallDir}\Splashtop Gateway Clustering` directory and run:

```
1 onpremise_x64.exe -setconfig sridsserver=https://load_balancer_address:port
```

 “load_balancer_address” - The address of the load balancer, can be resolvable FQDN or IP address. Syntax example:
`https://example.domain.com` or `https://192.168.2.1`

NOTE This command needs to be executed only once from 1 of the main node instances.

5. Restart services

1. Restart *Splashtop® Gateway Clustering Service* on **all main nodes and extra relay nodes**. Ensure they are fully up and running.
2. Once the main and relay nodes are confirmed operational, restart *Splashtop® Gateway Clustering Service* on the **load balancer**.