

# Role of the Secure Front-Ends

## Category: Security & Logging In

The Secure Front Ends (SFEs) are the bastion hosts protecting the NAS high-end computing enclave. The enclave includes all high-end systems such as Pleiades, Columbia, hyperwall-2, and Lou.

To access IT resources inside the enclave from your localhost, you must first use Secure Shell to connect to one of the SFEs (sfe[1-4]) and authenticate using two factors (SecurID+password or SecurID+publickey). Once authenticated, you can then use SSH on the SFEs to access any of the NAS systems.

You can avoid "double-login" (logging in first to an SFE and then again to bridge[1-4], PFEs, cfe2 or Lou) by setting up SSH Passthrough.

Note that SSH from the SFEs to hosts outside of the enclave is not allowed.

---

Article ID: 54

Last updated: 28 Aug, 2012

The HEC Environment -> Security & Logging In -> Role of the Secure Front-Ends

<http://www.nas.nasa.gov/hecc/support/kb/entry/54/?ajax=1>