

APS AUTH N and Argonne-auth Comparison

| | APS AUTH N | Argonne-auth |
|--|----------------|----------------|
| Machine registered in ETS by APS-IT | Yes | No |
| User registered in 802.1x group in ANL OU | Yes | No |
| Any ANL or personal machine or ANL user can connect with ANL account | No | Yes |
| APS network admins know who is connecting due to ETS registration | Yes | No |
| Depends on network connectivity to CIS | No | Yes |
| All traffic routed through CIS networks | No | Yes |
| Wireless connectivity independent of wireless controller <i>Note: If APS wireless controller fails, WAPs continue to function. If CIS controller fails, wireless is down.</i> | Yes | No |
| Full connectivity to beamline subnets | Yes | No |
| Full connectivity to accelerator subnets | Yes | No |
| Full connectivity to CAT subnets | Yes | No |
| Access to site wide services, such as business systems | Yes | Yes |
| ANL domain authentication | Yes | Yes |
| Full connectivity to APS operations subnets | Yes | No |
| IP address assignment address | APS IP address | ANL IP address |
| APS printer access | Yes | No |
| APS file system access | Yes | No |
| APS inside web access | Yes | No |

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DWL, MLW