



PLANNING YOUR MIGRATION TO THE WEST CAMPUS DATA CENTER

The information below is designed to help you identify the decisions you will need to make as you move your equipment into the new West Campus Data Center.

RACK OPTIONS

Tenants will be asked to choose full racks or a one-third bay. You don't have to move all your equipment at once, but it is helpful to let us know how much rack space you anticipate needing in the future. We cannot guarantee continuous rack space, but are committed to creating a secure and efficient space for all tenants.

POWER OPTIONS

Tenants should know how many power cables they need. Custom power configurations are available for the cost of time and materials.

200-240 VAC, 208V Single Phase power is supplied to the data hall. Full rack PDUs are 30 amp rated. One-third bay colocation racks have 20 amp PDUs.

Single phase 110v power and DC power are not supplied or supported at the West Campus Data Center (WCDC).

MOVE-IN OPTIONS

Our Business Relationship Managers (BRMs) will help you coordinate your move to the WCDC. The BRMs will coordinate with the technical staff who will assist with your move. All tenants must attend a training session and accept the tenant agreement before moving into the WCDC.

- When would you like to move into the WCDC?
- Who will need access to your equipment?
- Do you need short-term storage during move-in?
- Do you need any special tools or equipment, e.g. dollies, pallet jack, server lift, etc.?

Table 1. Standard Rack Configurations

	Full Rack	One-third Bay
Rack Type	Industry Standard Rack	
Height	48U	up to 13U
Mounting Cables	includes 19" internal mounting with cable mounting space	
Airflow Management	hot aisle containment and blanking panels	
Mounting Hardware	tool-less mounting rails with adjustable depth	
Redundant PDUs	20 C13, 4 C19	8 C13

If you have any additional questions about your move to the WCDC, please email brm@tamu.edu.

Co-location is offered at no charge for Part 02.



NETWORKING OPTIONS

Information on fiber connections, switches and IP subnets.

Single Mode Fiber Connections

- Two 10G redundant fiber connections are provided per rack.
- Additional fiber connections available for the cost of time and materials.
- Devices that connect to the fiber must support LACP.

Top of Rack Switch Options

Tenants can purchase fully managed switches from the Division of IT.

Fully Managed Switches

- Fully managed 48-port copper network switch: Includes all hardware, configuration, monitoring and patch cables.
- Fully managed 24-port copper network switch: Includes all hardware, configuration, monitoring and patch cables.
- Fully managed 40-port SFP switch: Includes all hardware, configuration and monitoring. SFP modules and cables cost extra, depending on need. An 8-port 10GB module and a 2-port 40GB module are also available.

Can you bring your own switch?

Tenants can bring their own top of rack (ToR) switch as long as the switch supports Link Aggregation Control Protocol (LACP) and connects via fiber using 10G optics. We support both multi-mode and single mode fiber connections to the data center network. The following list of models is pre-approved by the Division of IT if purchased from a reputable reseller:

- Cisco Catalyst 9300 or 9500
- Juniper EX4300 or EX4600

If unsure, please contact your BRM to make sure your model meets the above requirements. No network hubs are allowed, and running cables from one rack to another outside the rack is not allowed.

Patch cables are available for all tenants if needed.

IP Subnets

- IP subnets will be able to span between the West Campus Data Center and Teague Data Center. Wehner will not be included.
- New IP subnets can be added if needed (subject to verification and audit). Tenant will release old subnets to the Division of IT when move is complete.

If you have any additional questions about your move to the WCDC, please email brm@tamu.edu. Co-location is offered at no charge for Part 02.

What do you get with a managed switch?

- ✓ 24/7 monitoring
- ✓ Software updates
- ✓ Switch configuration backup
- ✓ Cold spares on hand in case of a failure
- ✓ Configuration changes when requested
- ✓ Troubleshooting switch issues
- ✓ End-of-Life switch replaced at no cost