

# Cornell AWS Direct Connect

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## Introduction

AWS Direct Connect is a service that Cornell uses to extend the private Cornell network into Cornell AWS accounts, giving VPCs connectivity to the entirety of the private Cornell network (10.0.0.0/8) and optionally the Cornell public network (i.e., public CIDR blocks).

When Cornell AWS accounts need access to the Cornell network, a [Cornell Standard AWS VPC](#) is created in the Cornell AWS account and linked to the Cornell network using Direct Connect.

If you already have a Cornell AWS account and would like to add access to the Cornell private network to it, send a request to [cloud-support@cornell.edu](mailto:cloud-support@cornell.edu).

## Cornell Direct Connect Documentation

- [2023 Cornell AWS Direct Connect Architecture Migration](#) — This document provides details about the Direct Connect architecture migration Cornell will be executing in early 2023.
  - [Terraform Configuration Guidance for 2023 Direct Connect Architecture Migration](#)
- [Cornell AWS Direct Connect Architecture](#)
- [Cornell AWS Direct Connect Costs](#) — The management and routing simplification offered by the v2 (2023) architecture comes with a shift in costs seen by Cornell AWS accounts using Direct Connect, but the overall impact to Cornell AWS account costs are negligible.
- [Cornell AWS Direct Connect FAQs](#)
- [Cornell AWS Direct Connect Routing Diagrams](#) — This page shows and discusses the different routing options over the Cornell Direct Connect to AWS VPCs.
- [Direct Connect Resources in Cornell AWS Accounts](#) — This document provides details about the resources in Cornell AWS accounts that support the 2023 (v2) Direct Connect architecture.
- [Peering AWS VPCs that Use Direct Connect](#) — Since the 2023 Direct Connect architecture fully interconnects all VPCs using Direct Connect (i.e., attached to the Transit Gateway), individual peering between VPCs is no longer technically necessary.

## Announcements

- [2023-01-19 AWS Direct Connect Architecture Migration Completed](#)
- [2023-01-16 AWS Direct Connect Architecture Migration Execution](#)
- [2023-01-10 AWS Direct Connect Architecture Migration Customer Review and Feedback #2](#)
- [2022-12-20 AWS Direct Connect Architecture Design Update](#)
- [2022-12-15 AWS Direct Connect Architecture Migration Customer Review and Feedback](#)
- [2022-12-09 AWS Direct Connect Architecture Migration Preparation Continues](#)
- [2022-11-02 Upcoming AWS Direct Connect Changes](#)