Game Production in the Cloud – Workstations

Stream Game Development from anywhere with NICE DCV

This architecture, which is agnostic of game engine and software, walks through the use of streaming remote workstations with the NICE DCV protocol. It covers the high level considerations for use of cloud development workstations for games.



AWS Reference Architecture

NICE DCV is a streaming protocol that supports 4K, 60 FPS streaming. Developers using a browser connect via TCP connections whereas desktop clients can use QUIC UDP over port 8443 for increased performance.

Developers use AWS Client VPN for a secure connection to network interfaces in the workstations subnets with source network
address translation (SNAT).