

DCN Implementation Panel Discussion

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Panel

- Eric Boyd, Internet2, Moderator
- Dale Finkelson, Univ. of Nebraska, Lincoln
- Bill Owens, NYSERNet
- Brent Sweeny, CIC OmniPoP
- Chris Tracy, MAX

DCN Implementation - Phases

- We envision a phased approach to implementation
 - First Phase – static links
 - Uses Internet2's IDC
 - Static VLANs configured over:
 - direct fiber
 - MPLS tunnels
 - Second Phase – Regional (connector) IDC
 - Regional IDC “peers” with Internet2's IDC
 - Third Phase – Multi-level IDC
 - Campuses “peer” with Regional's IDC

DCN Implementation - Overview

- Other talks have discussed the uses and the operation of DCN
- This panel will discuss aspects of the implementation of DCN including:
 - What sort of hardware is needed?
 - Does the DCN software suite need to be installed to use DCN?
 - How are dynamic connections conveyed from the Internet2 connection to the campus and the researchers interested in its use?

Where can you learn more?

- DCN Software Suite
 - <https://wiki.internet2.edu/confluence/display/DCNSS/Home>
- Java Client API
 - <https://wiki.internet2.edu/confluence/display/CPD/OSCARS+Client+Java+API>
- Test IDC Guide
 - <https://wiki.internet2.edu/confluence/display/DCNSS/Internet2%27s+Test+IDC>
- Obtaining a Test Certificate
 - <https://wiki.internet2.edu/confluence/display/CPD/How+to+Request+an+IDC+User+Certificate>

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