

Pre-Firewall Virtualization BOF

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What Problems?



- Control Plane (ex. Web Services) vs. the Data Plane
 - CP using port 80 works seamlessly but Data Plane gets blocked
- Manual vs. Automated
 - Document the ports per middleware, grid protocol deployed or authorize the CP to provide a level of automation
- Static vs. Transient
 - Related issues as above

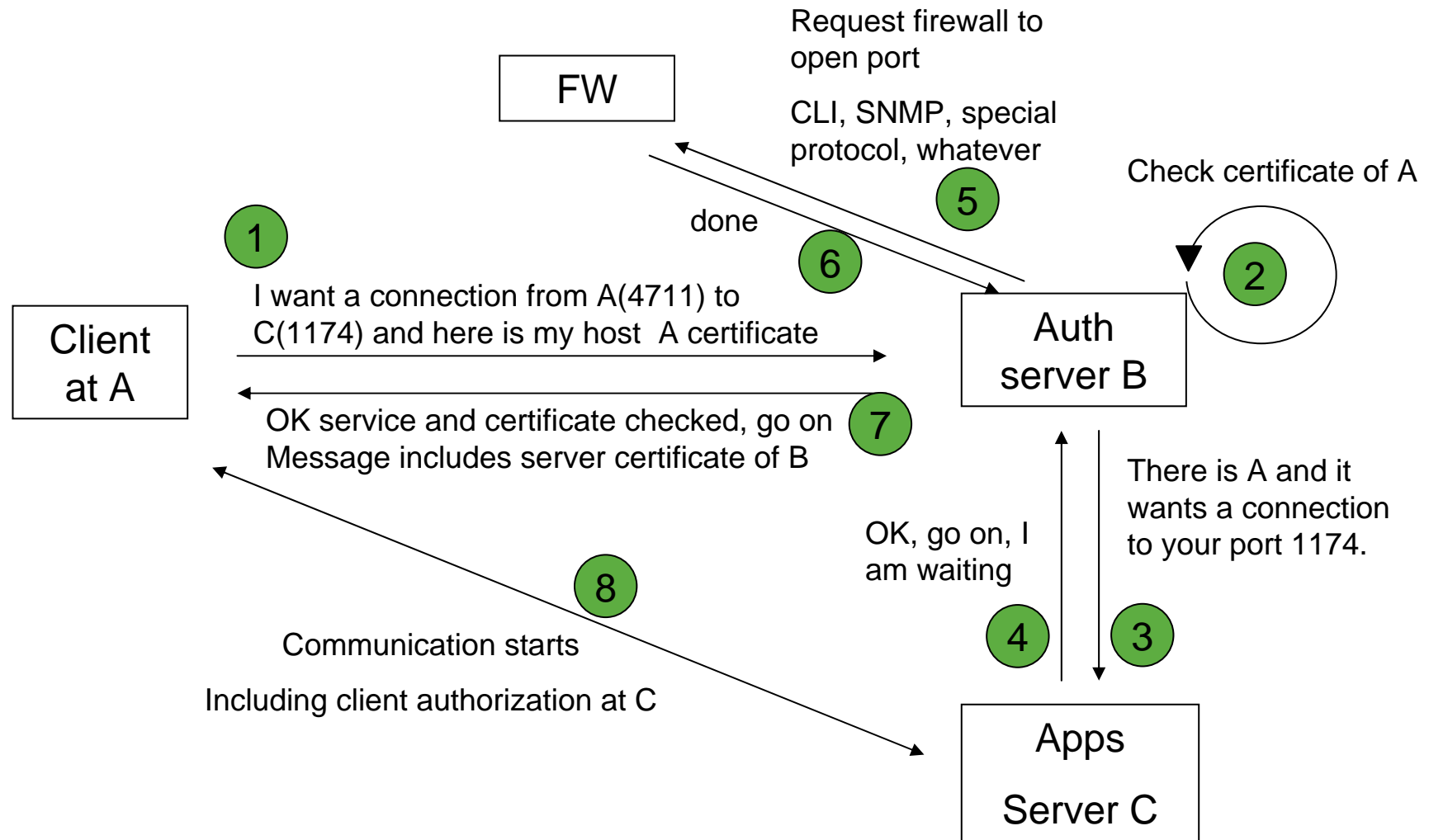
Proposed Solution



- Virtualized “control” of firewall
- Control the opening/closing of data path
- End-to-end applicability
- Local authorization/authentication
- Independence of the Firewall vendor/implementation
 - Capabilities may be different

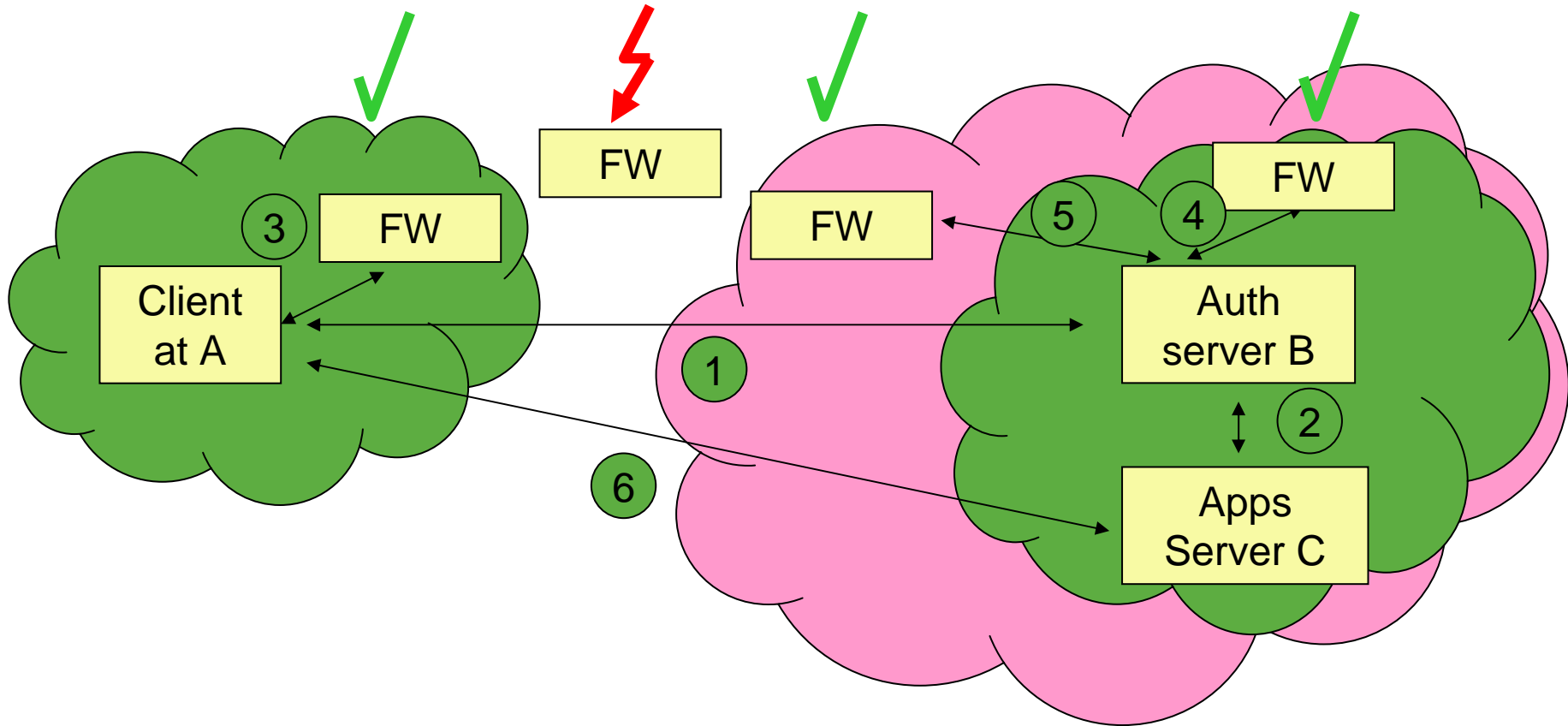
WebServices based FW opening

principle design



Feb 25th, 2008

Multiple local, remote and external FWs



What's different from last OGF?



- Decided to push the BOF to OGF 23
- Looking for volunteers to present at the BOF
- Please send interest email to imonga@nortel.com or R.Niederberger@fz-juelich.de

Questions and discussion



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