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From:	Rao S (Contractor)@ADM(IM) DIMCD@Ottawa-Hull
Sent:	November 26, 2020 2:13 PM
To:	Farrell R@ADM(IM) DIMCD@Ottawa-Hull; Duda RC@ADM(IM) DHRIM@Ottawa-Hull; Rambarransingh N@ADM(IM) DHRIM@Ottawa-Hull
Cc:	Gokani, Mona (SSC/SPC)
Subject:	201118: RPSR SSC DND joint team meeting notes
Categories:	Blue Category

Folks, please find my notes attached (Nov 19 and Nov 26 minutes ETA Nov 27).

Let me know if I've miscaptured anything. Going forward I'll endeavour to get these out within a day of the meeting.

Cheers, Sandhya

Attending:
Mona Gokani
Leonard Sherrer
Ed Shallow
Michael Hanlon
Pat Code
Salman Naqvi
Brian Schwarz

Nikita Rambarransingh
Rob Duda
Rebecca Farrell
Sandhya Rao

Security and Network with WinOps and Virtualization
In Bi-Weekly RPSR Meeting slot

Current Proposal:
- Special build for Dev
- Standard SSC build for DR (LS2), Prod (DCB), Staging (DCB)
- Virtualization as part of WLM.

Key question: Can RPSR accommodate a standard SSC build in DR, PROD and Staging? Eg joining the domain, constraints, connectivity eg SFTP, developer access from Carling/homeDWAN.
 Current answer: No. Date change, FTP, domain join, firewall, ASA (?)
- Roll back date Network customer in CMP to test payrun during User Acceptance testing **Mitigation**: Put CMP UAT in with Dev domain.
- 1 or 2 environments outside of prod/dev that need FTP access. Prod uses FTP to / from mainframe. RPSR delivers data – currently two-step manual process via DWAN since EMAA moved behind a stricter firewall disallowing SFTP. (EMAA – part of a larger suite of HR applications in DND in the HRMS enclave that is already in Borden and on the Linux/Unix GRPnet. It delivers pay statements to the end user so soldiers can receive it by

email/disclosure/acceptance signature). **Mitigation**: Secure FTP Host to host on DWAN SFTP (**Need:** EMAA access via SFTP).   **Outstanding question**: Is it an SMTP client?
  - o **TO DO:** Confirm these flows in the Network Security call. Eg David Henley's team in DND, SSC Security Operations Team. HRMS firewalls.
- Have to pickup financial data from DHRMIS (transitioning to Brian Schwarz' team – Stephan Oulette). **ACTION for future if desired.**

Discussion on Firewalls
- To solve the current two-step manual process, a Class 1 RFC can be sent to get a flow from (note all the IP addressess, sources, protocols RPSR wants) using a DWAN added IP address. **ACTION Nikita, if desired**.
- Firewall ownership and management is still under discussion but Brian Schwarz agreed to provide 2 firewalls for DR site (new firewalls ordered but not yet in). Existing RPSR firewalls are old (PFsense 3.2) and open source. Nikita would prefer to go on an SSC Firewall. **ACTION: Followup discussion on firewall management and funding (procurement eg DR needs 2 or 4, installation, config, support, lifecycling, etc).** Brian referenced the network document RACI. RACI changes depending upon which RPSR environment being referred to (DR, Prod, Dev, Test, Staging) **ACTION NIKITA: Put on his spreadsheet some firewall details** [Rao: I didn't catch what details…]
  - o There was no firewall or switches in the procurement for this project from SSC's perspective. SSC ordered extra switches and Brian had 2 extra firewalls. So from a DCN perspective no need to purchase extra switches . **ACTION: Will this cover DR and the move to Borden (unlikely). RISK: Procurement of firewall and switches, later identification/approval/order/arrival impacting the schedule.**
  - o Wish to avoid an SA&A so do not want to change the overall architecture. The firewall changes may incur an SA&A and this has bigger implications from a scheduling perspective. **Mitigation: Should have a discussion on SA&A.**
  - o Context : Almost every one we are doing as "like for like", logically and physically thereare platform changes because eg the old product is not viable, VMs on newer systems, ASA, meet the standards Borden. We are keeping the design the same but some changes are inevitable and necessary.

ACTION Mona: Need a dedicated meeting with the network and security SMEs who manage the firewalls and network devices for RPSR to include network questions that Data center Network team has.   (Include: Dominique Laoutte, Avinash Singh, Andrew Richardson, Adam Souly, Chris Williams, Stephane Goutier, Chris Greenhorn)

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