# PC AND NETWORK HIGH LEVEL REQUIREMENTS
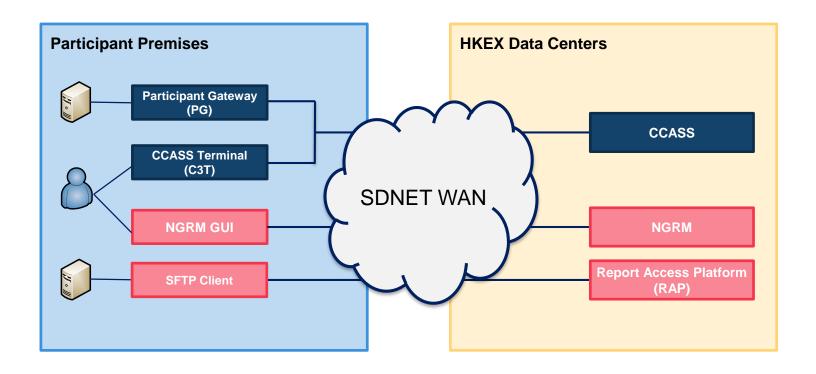
# AGENDA

| | |
|---|---|
| 1 | Infrastructure under NGRM |
| 2 | Set Up Options |
| 3 | PC Requirement for C3T, RAP & NGRM |
| 4 | Key Setup Requirement & Timeline |

# 1. Infrastructure under NGRM

# 2. Set Up Options

| | **Option 1**<br>**Minimum Setup**<br>**use existing C3T for RAP[1]** | **Option 2**<br>**Basic Setup**<br>**use existing C3T for RAP[1]**<br>**& NGRM** | **Option 3**<br>**Advance Setup**<br>**acquire new PC for RAP[1]**<br>**& NGRM** |
|---|---|---|---|
| Feature | Existing CCASS access<br>+<br>(NEW) RAP | Existing CCASS access<br>+<br>(NEW) RAP & NGRM | |
| Hardware | Existing C3T | | Existing C3T **+** NEW PC |
| Software | • Upgrade existing C3T to Win10 & associated JRE version<br>• Update PC Domain Name Server (DNS) Setting<br>• Install SFTP client for RAP[1]  & Chrome for NGRM | | |
| Network | Reconfigure existing SDNet to access new DNS, RAP & NGRM | | |

**CP should start planning for the technical setup for your preferred Option accordingly**

Note : 1. Please refer to HKSCC Report Access Platform (RAP) Technical Guide

# 3. PC Requirement for C3T, RAP & NGRM

| | Option 1<br>Use Existing C3T[1]<br>for RAP | Option 2<br>Use Existing C3T[1]<br>for RAP & NGRM | Option 3<br>Acquire new PC<br>for RAP & NGRM |
|---|---|---|---|
| CPU | 1GHz | 2.4GHz or faster | |
| Memory | 2GB | 8GB | |
| HardDisk | 20GB | 22GB | |
| Operating System | Windows 10 Pro (64 bit) | | |
| Browser | IE11 | IE11 (for C3T) & Chrome (for NGRM) | |
| JRE | Java 8 update 211 | | N/A |
| Layered Software | Anti-virus software | | |
| Bandwidth | 1M | 1M[2] | |

Note : 1. Clearing Participants (CP) should review their existing C3T setting to ensure it meets the minimum PC requirement
2. Minimum requirement, CP should assess and evaluate its own bandwidth requirement based on their business needs
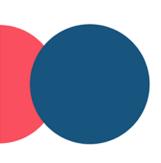
# 4. Key Set Up Requirements & Timeline

*(please see Appendix for more information)*

| # | REF | Key Set Up Requirements | Option 1 Use Existing C3T | Option 2 Use Existing C3T for ALL | Option 3 Acquire new PC for NGRM | Action by |
|---|-----|-------------------------|---------------------------|-----------------------------------|----------------------------------|-----------|
| 1 | N | Reconfigure SDNet routing to access NGRM functions & reports | Required & by Apr 2020* | | | Network Vendors |
| 2 | SW | Update PC Domain Name Server (DNS) Setting to access NGRM functions & reports | Required & by Apr 2020* | | New PC (follow latest DNS setting) | PC Vendors/ Participants |
| 3 | SW | Install SFTP client for NGRM report download (follow Report Access Platform Technical Guide) | Required & by May 2020* | | | Participants |
| 4 | SW/HW | Upgrade existing C3T to Win10 & associated JRE version<br>• Win7 end of support in mid Jan 2020<br>• NGRM supports Win 10 only | Required & by Dec 2019 | | New PC (running on Win10) | PC Vendors/ Participants |
| 5 | SW | Install Chrome to access NGRM functions | N/A | Required & by Aug 2020 | | Participants |

**Report Access Platform Connectivity Test will commence in June 2020**

**N**: Network related; **SW**: PC Software related; **HW**: PC Hardware related
*Dates are indicative only and yet to be finalized

# APPENDIX

# Appendix 1
## - Reconfiguration of SDNet

- SDNet circuits installed **before 1 December 2018**[1] MUST be reconfigured, by applying for "SDNet/2 Reconfiguration for CCASS and CCMS" from the network vendors.

- The Preferred Domain Name System (DNS) and Alternate DNS MUST be updated as below, applicable to **ALL SDNet**, both with or without reconfiguration.

    **Preferred DNS: 10.243.1.1**
    **Alternate DNS : 10.243.65.1**

    *If needed, please refer to Section C of the CCASS (& CCMS) Terminal Installation Procedures for information.*

- It is **mandatory for all CCASS Participants** to complete the SDNet reconfiguration and verify CCASS access via C3T and PG on or before **30 April 2020**. Please refer to Appendix 2 (next slide) for the verification procedures.

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# Appendix 2
## - Verification after reconfiguration of SDNet for C3T & PG

a. Make sure you have followed Section C of the [CCASS (& CCMS) Terminal Installation Procedures](#) to update the Preferred DNS and Alternate DNS as below:
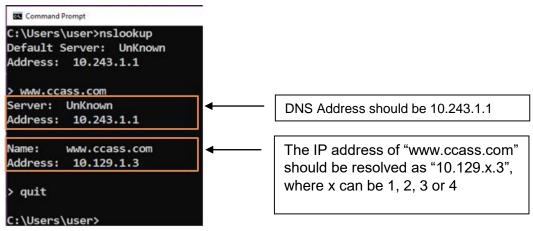
> Preferred DNS: 10.243.1.1
> Alternate DNS : 10.243.65.1

b. Go to **Start** and type **cmd** in the search field to open the command prompt

# Appendix 2
## - Verification after reconfiguration of SDNet for C3T & PG (Cont'd)

c. Type **nslookup**

d. Type **www.ccass.com** (or **pg.ccass.com** for PG) and the query result from the Primary DNS should be displayed as follows
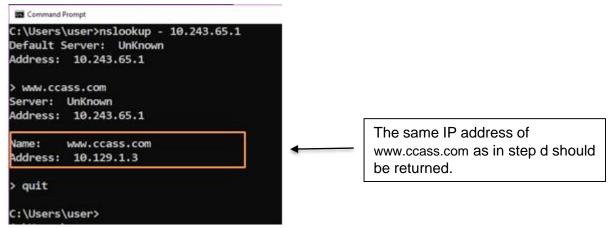


```
Command Prompt

C:\Users\user>nslookup
Default Server:  UnKnown
Address:  10.243.1.1

> www.ccass.com
Server:  UnKnown
Address:  10.243.1.1

Name:     www.ccass.com
Address:  10.129.1.3

> quit

C:\Users\user>
```

DNS Address should be 10.243.1.1

The IP address of "www.ccass.com" should be resolved as "10.129.x.3", where x can be 1, 2, 3 or 4

e. Type **quit** to exit

# Appendix 2
## - Verification after reconfiguration of SDNet for C3T & PG (Cont'd)

f. Type **nslookup  - 10.243.65.1**

g. Type **www.ccass.com** (or **pg.ccass.com** for PG) and the query result from the Alternate DNS should be displayed as follows



The same IP address of www.ccass.com as in step d should be returned.

h. Type quit to exit and close the command prompt window

i. If CCASS is in service, logon C3T or PG normally to verify the connectivity

**Please follow Appendix 2 to verify all your C3T & PG**