CloudStore Briefing For Industry

By IDA CloudStore

6 March 2015, 10:15 am to 12:00 noon
Mapletree Business City Auditorium
30 Pasir Panjang Road

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Objective of Briefing

> To provide the industry with a better understanding of CloudStore objectives and processes

> **Important Note:**

- This presentation is a summary of the CloudStore objectives and processes.
- The content of this presentation is not exhaustive; please refer to the published CloudStore Documents at http://www.ida.gov.sg/programmes-partnership/sectors/government/initiatives/CloudStore for further details.
- Please send your queries to CloudStore@ida.gov.sg.

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Government Cloud Programme

G-Cloud

- Private cloud to serve the needs of whole-of-government
- Provides Infrastructure-as-a-Service offerings for agencies (2013)
- WCMS offered as SaaS on G-Cloud (2014)
- To-date: 54 agencies with 184 systems on G-Cloud

CloudStore

- Set up a CloudStore to provide a marketplace of qualified cloud offerings from the industry for government agencies to procure (2015)

  * Cloud offerings can be on public clouds or G-Cloud

<u>CloudStore Benefits</u>

- Provides a channel for industry to showcase their offerings to agencies
- Simplified procurement of cloud offerings
- Increased adoption of cloud for government ICT needs
- Faster turnaround time and improved public service delivery

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CloudStore Overview

> A marketplace of qualified cloud offerings from the industry for government agencies to procure.

> Initial focus will be on SaaS

> Qualification valid for 24 months

> Award of Qualification is subject to EPPU & GeBiz registration

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How Call For Participation Works

- 1st CFP for SaaS in categories of Analytics / Security / Testing only
- Separate CFPs will be called to add new categories
- Can indicate your interest for new categories
  - Indication of Interest form is on CloudStore website

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CloudStore Documents and CFP Submission

CloudStore Documents (from IDA)

Call for Participation Announcement

1. SaaS for <Categories> opened from <Date>
2. Offerings on <Public Cloud/G-Cloud>

CloudStore Application Forms

1. SaaS on Public Cloud
2. SaaS on G-Cloud

Same form may be used across categories

Instructions To Participants

1. Provides general instructions for all CFPs
2. Lists information about all CFPs (Annex A)
   - open & close dates for each category

CloudStore Terms & Conditions

Spells out terms and conditions governing CloudStore

CloudStore Guidelines

Describes CloudStore objectives and processes

CFP Submission For SaaS (by Industry)

Form I

Company Information

Form II

SaaS Information

Appendix I: write-up on

- Functionality;
- Service Catalogue & Pricing;
- Service Assurance

Form III

Declaration of Submission

Appendix II: write-up on

Supporting Info For G-Cloud Hosting

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CloudStore Application Form (Public Cloud)

Company & Track Record

Form I

Company Information

1. Company Particulars

Form IIA

SaaS Track Record

1. Customer Base
2. Customer References

SaaS Technical Information

Form IIA

Answer Questions on:

1. SaaS Model
2. System Architecture
3. Hosting Environment
4. Service Provisioning
5. Service Management & Support
6. Development & Support Teams
7. Backup & Recovery
8. BCP & DR
9. Technology Standards, Interfaces, User Interface
10. Security

Provide Information about:

1. SaaS Functionality
2. Service Catalogue & Pricing
3. Service Assurance

Declaration of Submission

Form III

Declaration:

1. Have read, understood, will comply with CloudStore t&cs.
2. Submitted info is true, accurate, up-to-date and complete.
3. IDA is allowed to make enquiries and reference checks.
4. Submission is valid for 6 months and can be extended upon request.

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CloudStore Application Form (G-Cloud)

Company & Track Record

Form I

Company Information

1. Company Particulars

Form IIB

SaaS Track Record

1. Customer Base
2. Customer References

SaaS Technical Information

Form IIB

Answer Questions on:

1. SaaS Model
2. System Architecture
3. ~~Hosting Environment~~
4. Service Provisioning
5. Service Management & Support
6. Development & Support Teams
7. Backup & Recovery
8. BCP & DR
9. Technology Standards, Interfaces, User Interface
10. Security

Provide Information about:

1. SaaS Functionality
2. Service Catalogue & Pricing
3. Service Assurance

Provide Compliance with G-Cloud Pre-Requisite Criteria:

1. *Comply with G-Cloud Hosting Requirements*
2. *Undertake to comply with General Government Requirements*
   - ❑ *Security Requirements*
   - ❑ *Audit Requirements*
   - ❑ *Personnel Requirements*

Declaration of Submission

Form III

Declaration:

1. Have read, understood, will comply with CloudStore t&cs.
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CloudStore Document Index

Document	Description of Document
1. Call For Participation Announcement.....	Provides information about the categories covered under this Call For Participation
2a. Instructions To Participants.....	Provides general instructions for all CFPs
2b. Instructions To Participants (Annex A)..... (separate softcopy)	Lists information about all CFPs (quick reference to see categories opened or closed.)
3a. CloudStore Guidelines.....	Describes CloudStore objectives and processes
3b. CloudStore Guidelines (Annex A)..... (in the same softcopy as CloudStore Guidelines)	Describes CloudStore Qualification for SaaS
3c. CloudStore Guidelines (Annex B)..... (in the same softcopy as CloudStore Guidelines)	Government Cloud Factsheet
4. CloudStore Terms and Conditions.....	Spells out terms and conditions governing CloudStore
5. CloudStore Application Forms.....	To be filled up for submission
5a. Form I of III.....	Company information
5b. Form IIA of III.....	For SaaS on Public Cloud
5c. Form IIB of III.....	For SaaS on G-Cloud
5d. Form IIB (Annex A)..... (separate softcopy)	Contains G-Cloud pre-requisite criteria
5e. Form III of III	Declaration of Submission
6. CloudStore Application Form (Appendices)...	Submission templates for:
6a. Appendix I.....	SaaS functionality, Service catalogue & pricing, Service assurance
6b. Appendix II.....	Supporting information for G-Cloud Hosting

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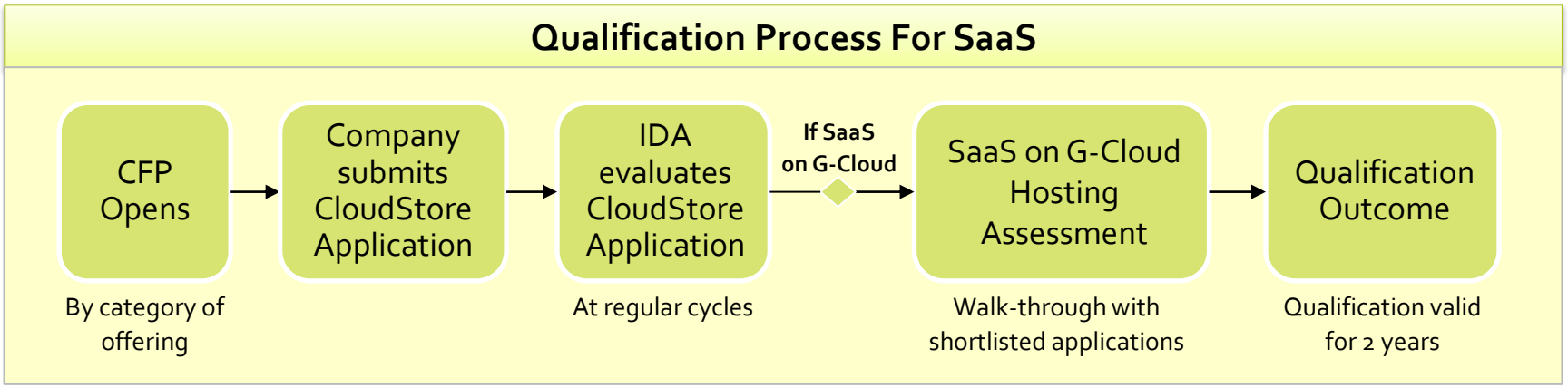
Qualification Process For SaaS



Evaluation Criteria For SaaS

Qualification is subject to EPPU & GeBiz registration

> **Strength & Track Record**

- Customer Base
- Customer References

> **Technical & Operations**

- Service features
- Service delivery
- Service support

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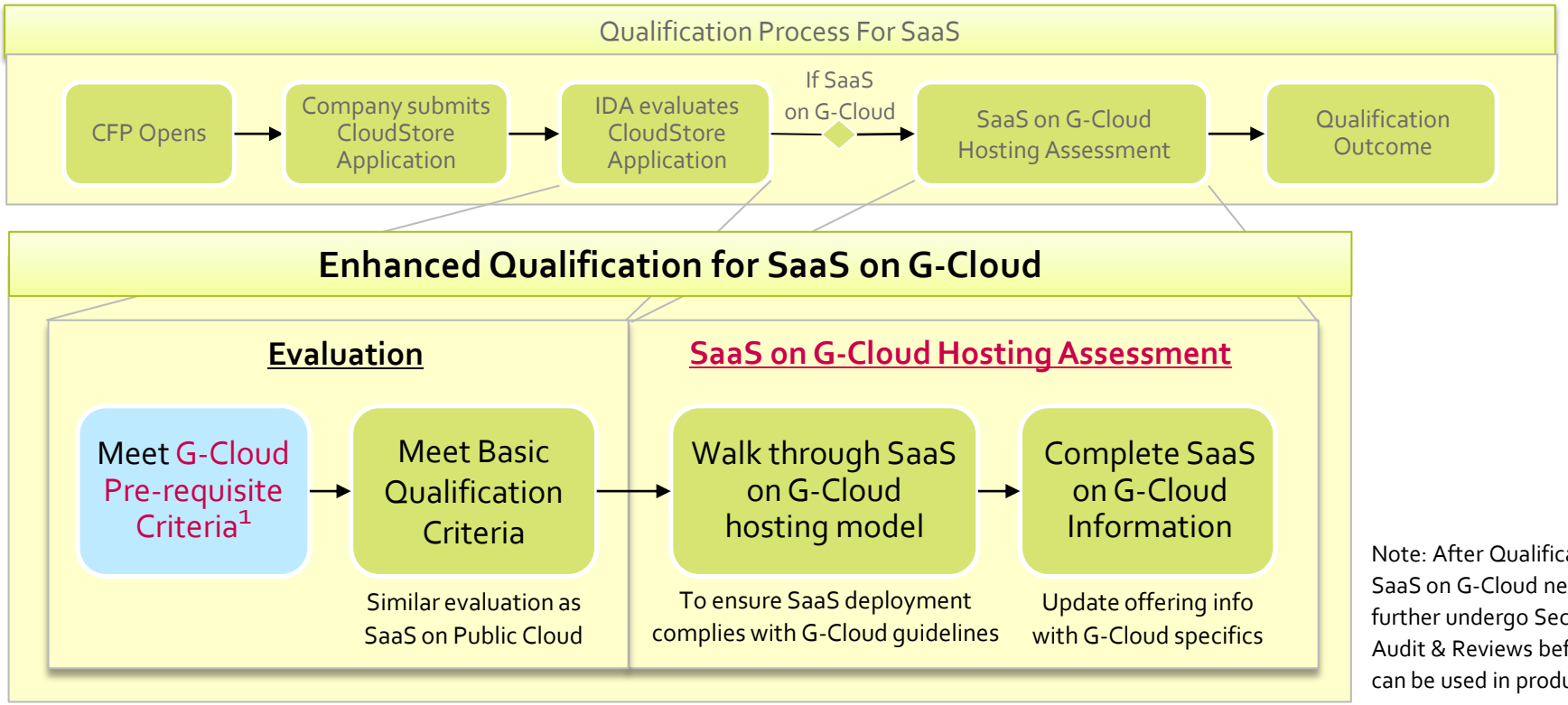
Enhanced Qualification for SaaS on G-Cloud



Note: After Qualification SaaS on G-Cloud needs to further undergo Security Audit & Reviews before it can be used in production

[1] G-Cloud Pre-requisite Criteria

> **Comply with G-Cloud Hosting Requirements:**

- VMWare virtualised on x86
- 3-tier web-based environment
- Host in designated internet/intranet zones

> **Undertake to comply with General Gov. Requirements:**

- Security Requirements: VA, PT, Codescans, Patching, Account Reviews
- Audit Requirements
- Personnel requirements

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G-Cloud Hosting Requirements (Summary)

- Hosting Environment
  - Virtualised x86 environment
  - Using VMware vSphere version 5 (as of 1 Sep 2012)
  - Must be hosted in designated internet and intranet zones within G-Cloud
- Software Licences
  - OS: Must procure from G-Cloud
  - Others: Can use own licences
    - Must be certified & supported to run on VMware and x86
    - Must provide own patches & keep patches up-to-date
- Architecture
  - 3-tier architecture required
- G-Cloud Administration
  - Can only be carried out via the Singapore Government Network
  - No remote administration via the internet is allowed
  - Project personnel must be security cleared by the Singapore Government
- G-Cloud Scaling
  - Must be carried out via the self-service portal provided by G-Cloud
  - Scaling through API currently not supported

OS Supported on G-Cloud
MS Windows Server Std
MS Windows Server Ent
Redhat Enterprise Linux
Solaris on x86
Suse Linux

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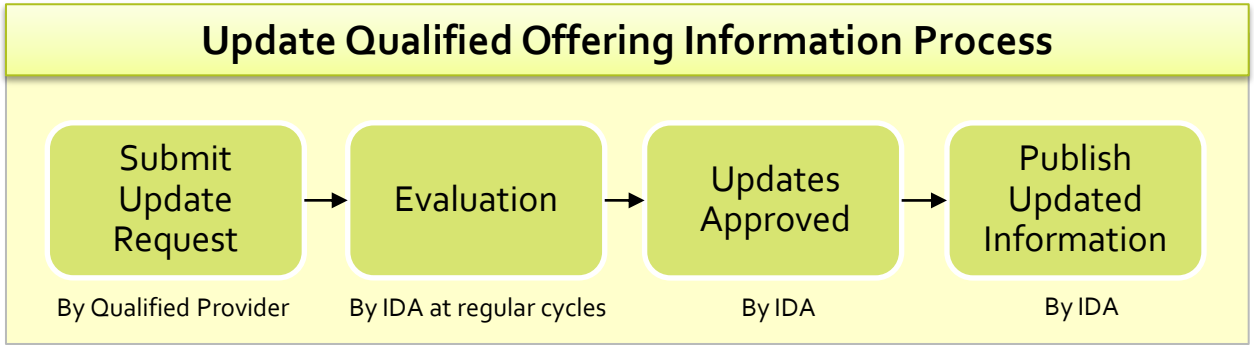
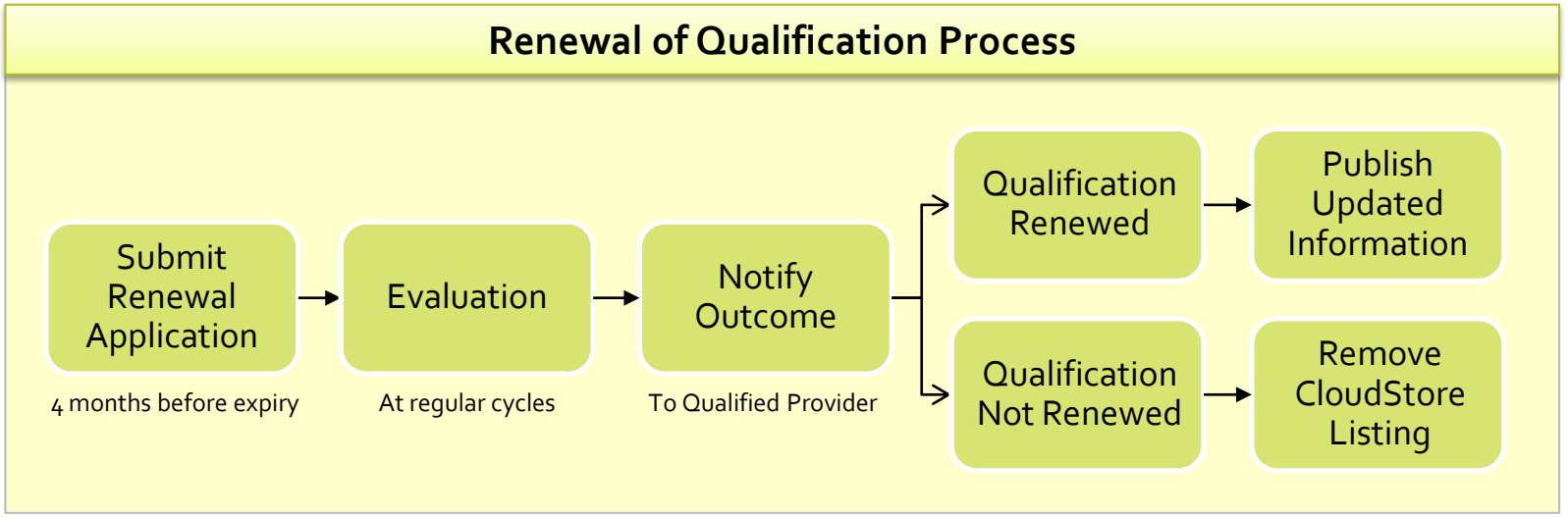
Qualified Offering Update / Qualification Renewal





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G-Cloud Sand-Box

> Available for Qualified SaaS on G-Cloud provider to implement POC
  - Available for 2 to 3 weeks
  - To be scheduled on first-come-first-serve basis

> Will be funded by IDA to lower cost of entry for Industry to deploy SaaS on G-Cloud
  - Limited only to IaaS – provision of VMs
  - Suppliers responsible for cost of all other services required to implement POC
  - Use beyond the scheduled timeframe to be funded by Qualified SaaS on G-Cloud providers

> More details will be shared with Qualified SaaS on G-Cloud providers

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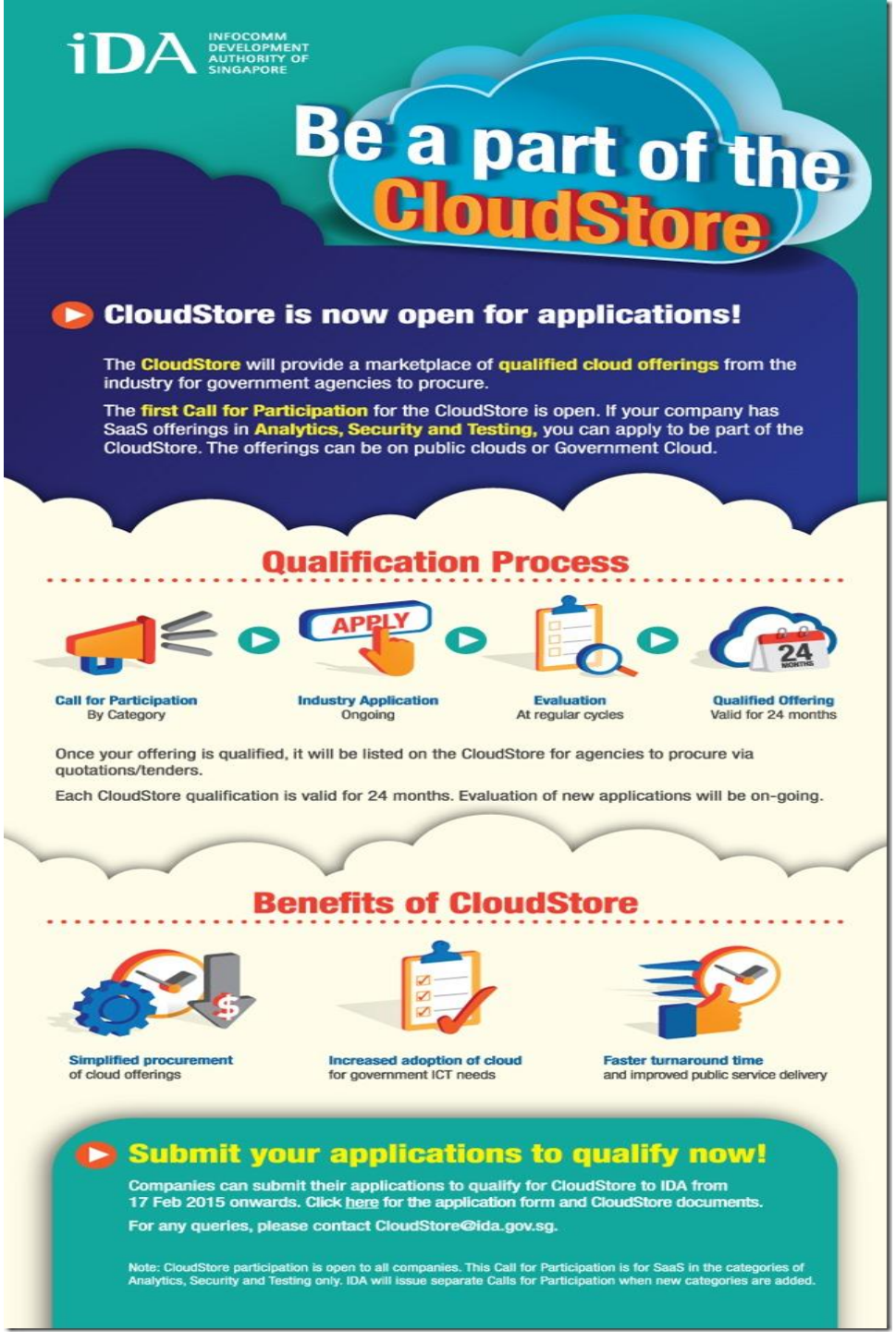
1st Call For Participation



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