

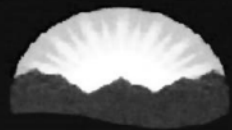
NR

7 Cloud BC Update

Mike Larson provided an update on CloudBC, highlights from the discussion are provided below:

- Bette-Jo discussed how the OCIO for the BC Government is the Administrator for the CloudBC deal. Some challenges have been met with legal and it was suggested to draft a Participation Agreement between the BPS for Cloud BC. The OCIO will be drafting the Participation Agreement for which each participating BPS would be required to sign.
- Mike Larson provided an update on CloudBC. The council was invited to attend the Management Committee workshop scheduled on September 22. Council members are to notify Mike if they plan to attending.
- Timing for CloudBC will need to be updated to reflect today's decision s.17 s.17
- ***Decision: Council agreed with having a Participation Agreement for CloudBC.***

NR



BRITISH
COLUMBIA



s.17

Cloud BC

Mike Larson and Scott Wilkinson

Introduction

Ratification of CloudBC Management Committee decisions on go-forward priorities and plan are required by CCIO

Context:

- CloudBC Year 1 priorities include, among other priorities, establishing a competitive marketplace for IaaS/PaaS services and beginning value case analysis for Office 365
- In June, Microsoft announced plan to open data centres in Toronto and Quebec City to deliver cloud services
- Now clear that Azure and Office 365 Canadian services will be in production by approximately May 2016

s.17

- A working session was held with CloudBC Management Committee on Sept 22, which resulted in a set of recommendations to guide re-planning
- Minutes from Sept 22 are provided as an addendum

Introduction

Through the discussion, a set of guiding principles were developed that impact priorities and approach

Guiding Principles:

- Management committee will serve as a sounding board to help drive strategy
- CloudBC Chief Operating Officer has delegated authority to execute plans against budget
- Adoption is the key measure of success for CloudBC
- CloudBC marketplace priorities need to be demand-driven

s.17

- CloudBC will work with first adopters to achieve and demonstrate quick wins

Page 005

Withheld pursuant to/removed as

s.17

Contents



s.17

CloudBC Plan

Approved
Year 1 Plan

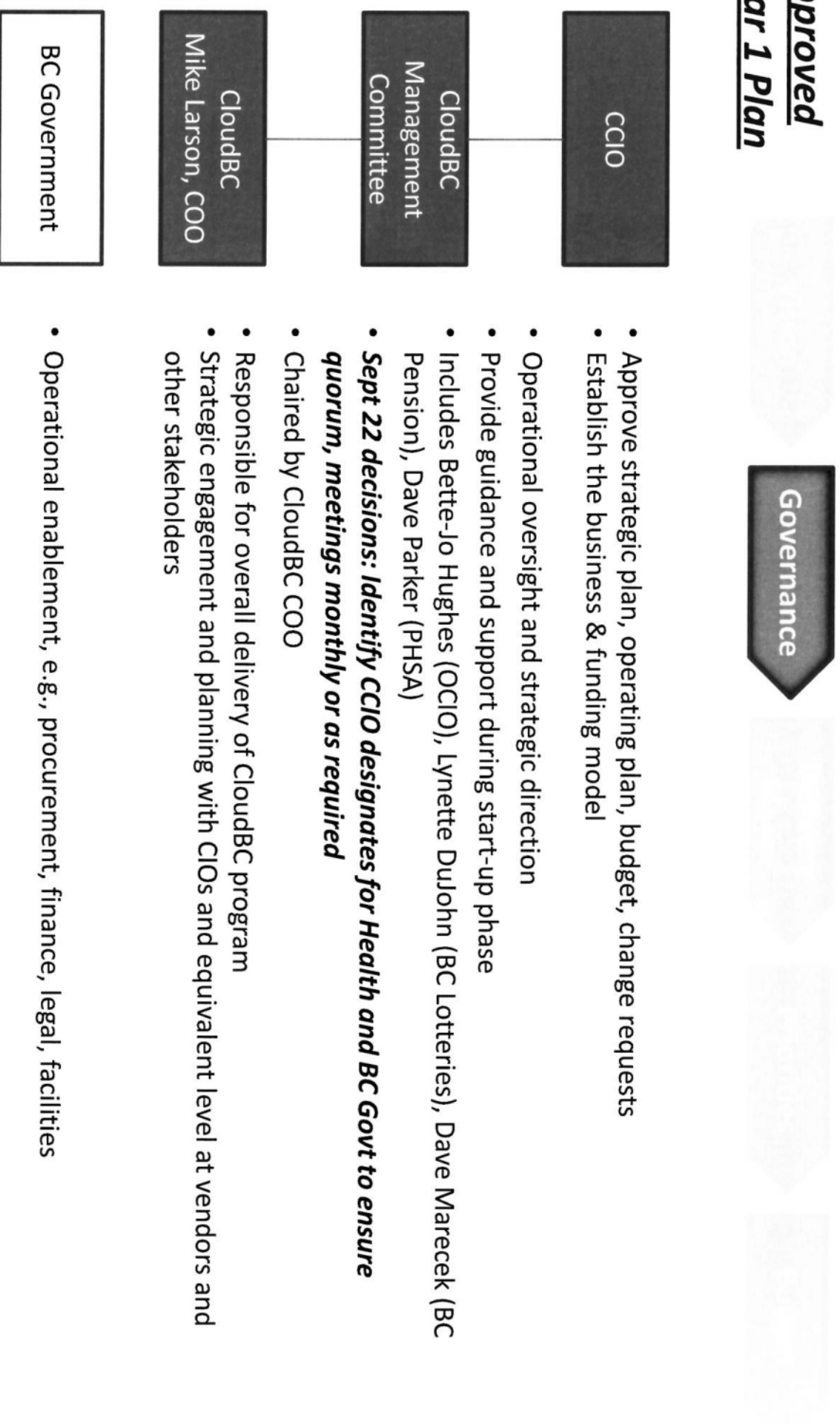


Value Proposition & Vision

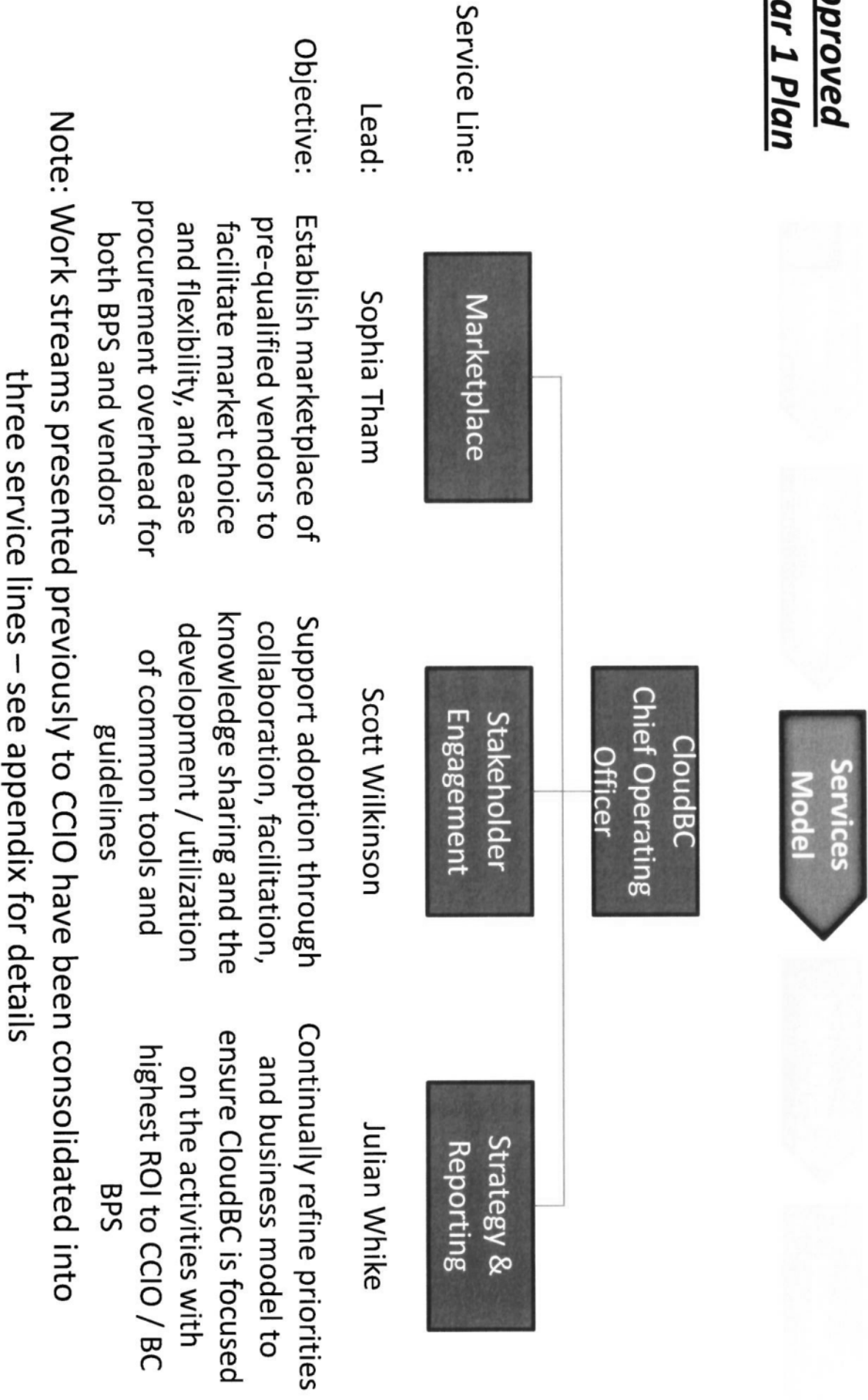
Value proposition: achieve gains from scale by developing common solutions to common challenges and opportunities, to help drive adoption and capture benefits from cloud services

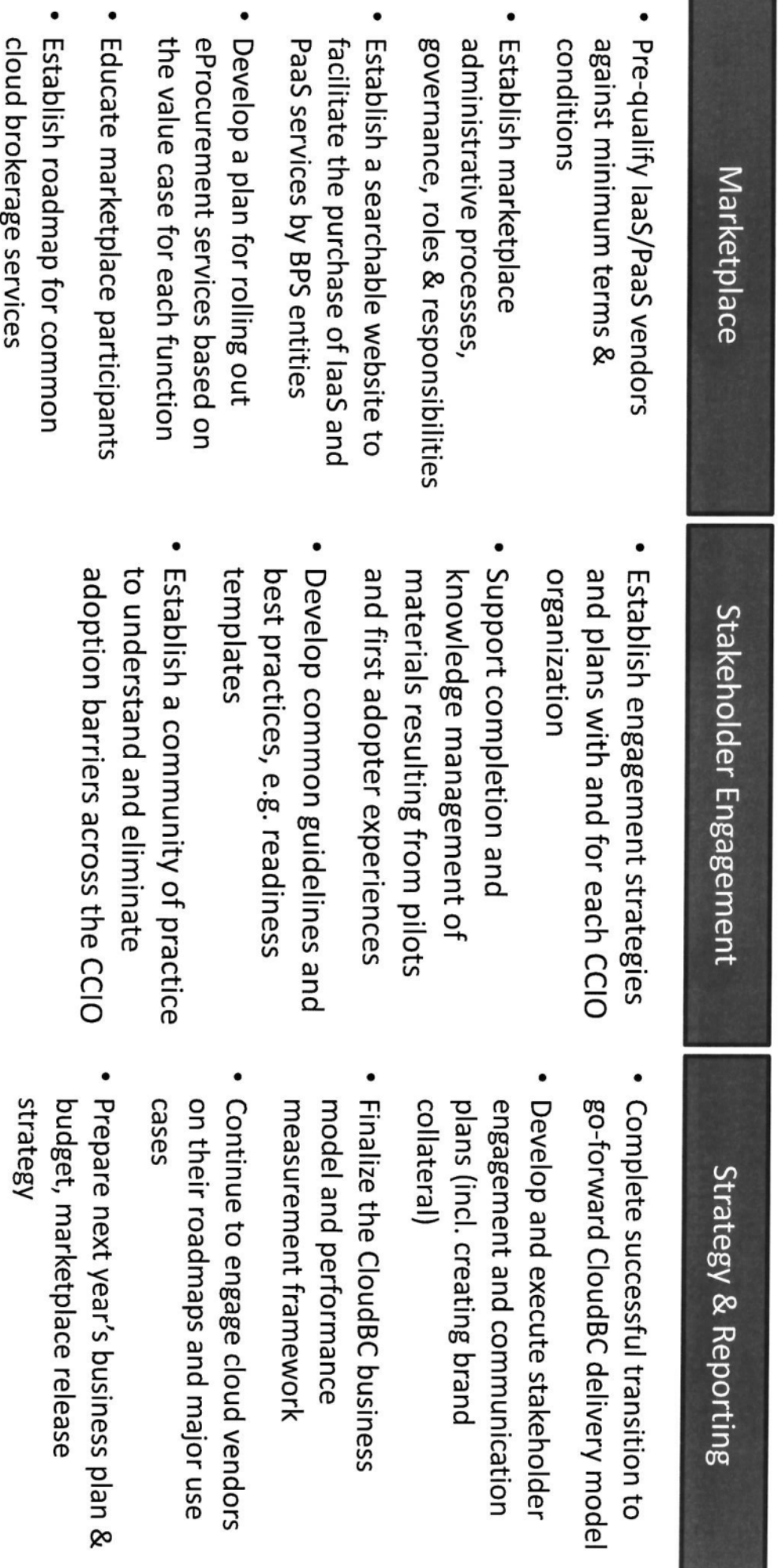
From...	To...
Limited coordination on procurements and contracts to support on-ramping of multiple entities	CCIO-certified services from multiple providers are available through an online marketplace to streamline on-boarding
Inconsistent understanding of compliance requirements (especially FOI/PPA) among CCIO entities and vendors	Clear compliance requirements, supporting contract language and recommended controls are developed
Limited consistency on minimum terms & conditions for cloud contracts	A standard set of minimum recommended terms & conditions is developed based on type of service
Uncertainty of service providers' ability to meet requirements (security, privacy, performance, interoperability, etc.)	Guidelines, best practices and risk frameworks are defined with respect to defining requirements and evaluating cloud offerings
Inconsistent understanding of terms, services and concepts as they relate to hosted & cloud services	A common language is in place based on existing standards and frameworks, illustrated by examples and use cases
No common framework and approach to developing a hosted services strategy, roadmap and change plan	A readiness framework is documented, and specialist vendors are pre-qualified to assist in readiness activities

Approved Year 1 Plan



Approved
Year 1 Plan

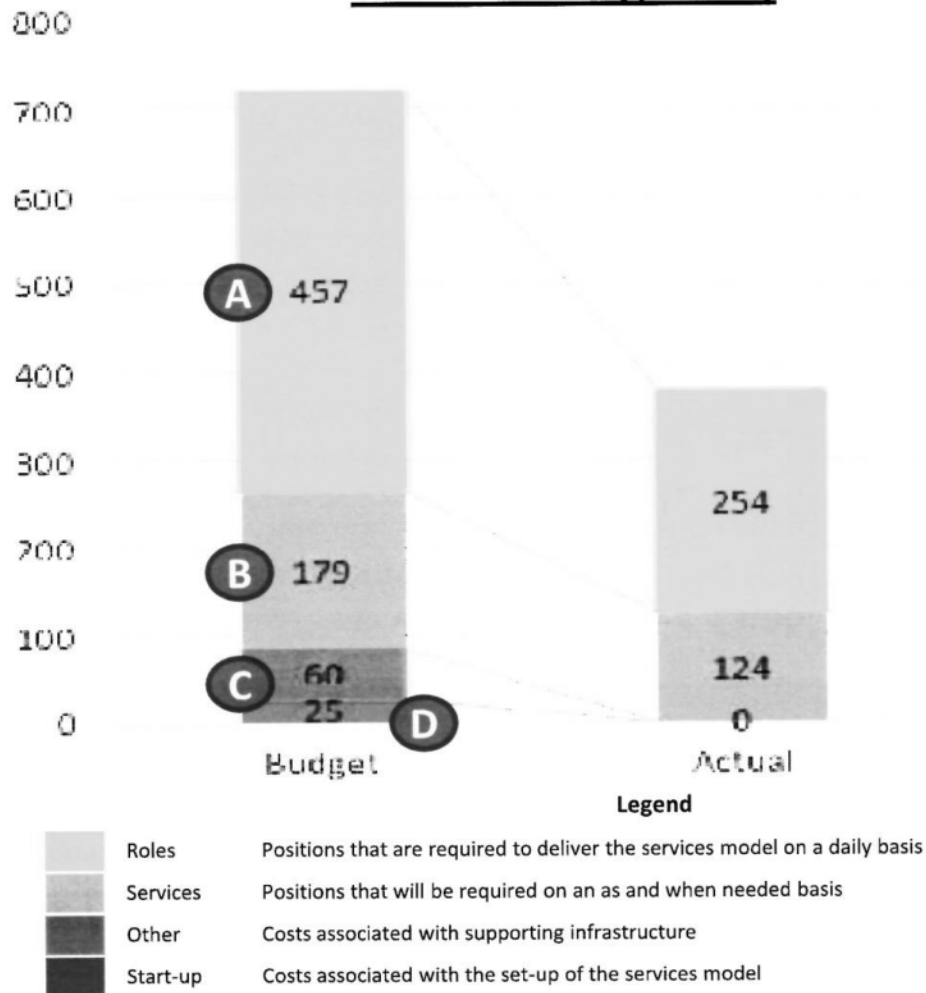


Approved**Year 1 Plan****Priorities**

Approved Year 1 Plan

Budget

Year 1 Costs (\$1000)



\$343k year-to-date under budget:

- A** Delay getting contracts in place for roles (e.g. COO, Procurement Lead, Technical Lead, etc.)

s.17

- B** Lower than budgeted spend on subject matter experts
- C** Startup and operating costs deferred while CloudBC remains at WorkSafeBC
- D**

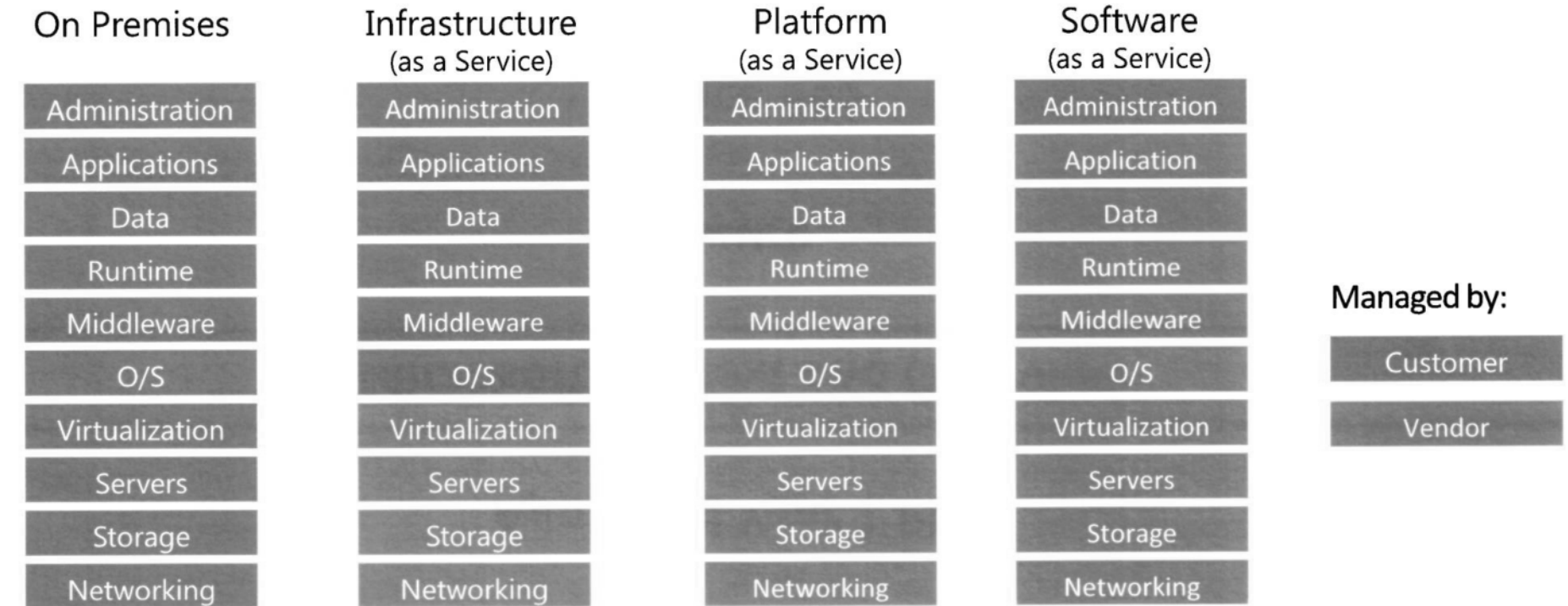
Contents

Approved Year 1 Plan

s.17

CloudBC Plan

Different Services and Implications



s.17

Page 014 to/à Page 015

Withheld pursuant to/removed as

s.17

Contents

Approved Year 1 Plan

s.17



s.17

CloudBC Plan

Page 017 to/à Page 018

Withheld pursuant to/removed as

s.17

(IaaS/PaaS)



Approach

Negotiations to be prioritized based on demand, which require fewest requested changes to standard MSA/MSO

Contracting Framework

- Process will result in two qualified vendor lists: (1) vendors that can provide services for all classifications of data and (2) vendors that can provide services for public (i.e. non-sensitive) data
- Minimum Terms & Conditions covered by Master Standing Agreement or Offer
- Customers buy services through a Statement of Work (SOW), which also supports changes to, or additional, Ts and Cs that can be negotiated directly with vendor
- Each SOW is a separate Agreement
- Each BPS entity follows its own internal governance with respect to buying from the Marketplace
 - For example, may run an informal evaluation across a subset of vendors
 - May also decide to run a full competitive process across all vendors on list

(IaaS/PaaS)**Responsibilities*****Lead*****Cloud BC**

- Develops RFX, standard cloud legal agreement
- Coordinates working group input
- Facilitates evaluation
- Leads negotiations
- Certifies vendor
- Responsible for vendor management
- Enables entities to access and use contracts

Entities

- Ensures legal support
- Ensures executive support
- Participates if and as required
- Signs off on contract
- Utilizes contract

Government

- Develops terms & conditions related to FIPPA compliance
- Provides the legal lead
- Ensures compliance to policies and agreements
- Interface with :
 - Risk Management
 - Cabinet

Page 021

Withheld pursuant to/removed as

s.17

(IaaS/PaaS)

Resourcing

Resource	Assigned	Total
PM & CloudBC Business Rep	Sophia Tham	\$75,000
IM/IT Procurement (PSB)	Duncan McLelland & Monique Frappier	\$150,000
Legal	TBD	\$175,000
Other stakeholders	As required	n/a
Total		\$400,000

* Estimated costs for last half of Year 1

Contents

Approved Year 1 Plan

s.17



CloudBC Plan

Page 024 to/à Page 033

Withheld pursuant to/removed as

s.17

Contents

Approved Year 1 Plan

s.17

CloudBC Plan

Budget
Impact

Plan Impact

Resourcing

Critical Path
Activities

Decisions

Page 035

Withheld pursuant to/removed as

s.17

CloudBC Plan



Priorities impacted by 2-month schedule delay **bolded below**

Marketplace	Stakeholder Engagement	Strategy & Reporting
<ul style="list-style-type: none"> • Pre-qualify IaaS/PaaS vendors against minimum terms & conditions • Establish marketplace administrative processes, governance, roles & responsibilities • Establish a searchable website to facilitate the purchase of IaaS and PaaS services by BPS entities • Develop a plan for rolling out eProcurement services based on the value case for each function • Educate marketplace participants • Establish roadmap for common cloud brokerage services 	<ul style="list-style-type: none"> • Establish engagement strategies and plans with and for each CCIO organization • Support completion and knowledge management of materials resulting from pilots and first adopter experiences • Develop common guidelines and best practices, e.g. readiness templates • Establish a community of practice to understand and eliminate adoption barriers across the CCIO 	<ul style="list-style-type: none"> • Complete successful transition to go-forward CloudBC delivery model (including leasing space) • Develop and execute stakeholder engagement and communication plans (incl. creating brand collateral) • Finalize the CloudBC business model and performance measurement framework • Continue to engage cloud vendors on their roadmaps and major use cases • Prepare next year's business plan & budget, marketplace release strategy

CloudBC Plan

Resourcing

s.13

<u>Activity Stream & Resource</u>	<u>Resource</u>	<u>Requirement</u>	<u>Approach</u>
CloudBC Roles*			
Chief Operating Officer	Mike Larson	Ongoing	NOI
Strategy Lead	Julian White	Ongoing	Transition existing contract
Stakeholder Engagement Lead	Scott Wilkinson	Ongoing	Transition existing contract
Marketplace Lead	Sophia Tham	Ongoing	Transition existing contract
Cloud Technical Architect	Sean Mehrabi	Ongoing	Transition existing contract
Coordinator	Tracey Deisher	Ongoing	Transition existing contract
Technology Strategy	Stephen Gordon	Ongoing	Secondment
Communications	Hema Paupiah	Ongoing	Secondment
Consultants (as needed)			
O365 Readiness			
Success assurance PM	TBD	2 x 3 months	Competitive (SPO)
Contracting			
Finance/Business Analysis	TBD	1 x 6 months	Competitive (SPO)
Technical Specialist	TBD	1 x 3 months	Competitive (SPO)
PM/Negotiator	TBD	1 x 6 months	Competitive (SPO)
Stakeholder Engagement	TBD	1 x 3 months	Competitive (SPO)
M/S cloud expert	TBD	1 x 3 months	Competitive (SPO)

A number of critical path activities are identified

Critical Path Activities	Target Completion	Dependencies			
FIPPA requirements (M/S discovery, OIPC engagement)	December 15	IaaS/PaaS RFX release	s.17 negotiation	Best practice Ts & Cs	
Participation agreements signed (CCIO entities and BC Govt)	December 15	IaaS/PaaS RFX release	Contract negotiation	Best practice Ts & Cs	
Resourcing procurement(s) issued through SPO	October 31	Office 365 activities	Marketplace administration	Best practice Ts & Cs	
Stakeholder engagement initial meetings	October 31	M/S early adopters	Adoption barrier identification	Demand aggregation	Year 2 planning
Vendor engagement mechanism(s) determined	November 30	Year 2 business planning			

CloudBC Plan



Decisions

For Ratification:

1. Adjust timing of IaaS/PaaS release to allow time for completion of Data Sovereignty input and Microsoft discovery work. Aim for completion of contract negotiation with at least one pre-qualified vendor by May 31 rather than March 31.

s.17

Appendix

The Service Line structure reflects a consolidation of the work streams presented previously to CCIO and management committee





CloudBC

Introduction to CloudBC: Sarf Ahmed, Wes Boyd

Presented by Mike Larson, Chief Operating Officer, CloudBC

August 14, 2015

Agenda

- Meeting objectives

- Business value context

- Introduction to ERM/ISC

- Present Marketing video

- Next steps

Context:

- CloudBC has been launched by the BC Council of CIOs to help drive successful adoption of cloud services in the BC public sector
- CCIO is chaired by Bette-Jo Hughes and includes representation from BC government, the regional health authorities, and six BC crowns
- CloudBC is funded and governed by CCIO, with operational enablement provided by the the BC Government including procurement support
- OCIO providing transition support through the Administrator's Office (Vitali Kozubenko)

Meeting Objectives:

- Present overview of CloudBC including the governance model
- Present overview of the CloudBC Marketplace vision
- Discuss next steps, roles & responsibilities

Agenda

- Meeting objectives
- **Business value context**

- Introduction to CloudBC
- Presenting program vision
- Next steps

The BC Council of CIOs identified cloud services as a strategic opportunity for their organizations

- The BC Council of CIOs (CCIO) represents roughly \$3 billion in annual IT expenditures
- Established to help govern the Telecommunications Services Master Agreement (TSMA), CCIO has since evolved to also advise on strategic opportunities of common interest to the group; one such opportunity is cloud computing
- Cloud computing services run on platforms owned and managed by 3rd parties and are typically utility-based (pay-as-you-go, scalable, elastic, self-service)
- Cloud computing offers benefits at transformational scale, but also impacts how IT services are delivered and managed
- With the member organizations facing many of the same adoption opportunities and challenges, CCIO initiated a project to determine the business case for cloud computing in the BC public sector

Key observations from the business case included the following

- **Maturity** – Cloud services have matured and are viewed as viable solutions to help address many of the key challenges faced by CIOs
- **Cost savings** – CCIO analysis suggests the addressable opportunity is conservatively 40% of the IT budget (capital plus operating) and potential savings are 15-20% of the IT budget
- **Speed to market** – For example, implementations SaaS applications typically take 10 to 30% the time of a traditional application
- **Workforce change** – Leveraging hosted services allows IT to adapt to high rates of retirement and re-factor the workforce to focus on core competencies
- **Innovation** – Cloud computing enables service innovation (e.g. mobile services, big data analytics), and is becoming the de facto standard for service delivery for many IT service providers
- **Value gap** – The comparative advantage of cloud services over traditional delivery models will continue to widen as service providers focus their investments on their cloud portfolios
- **Collaboration** – There is a basis for CCIO to play a role going forward to help drive adoption, drawing on best practices observed in other jurisdictions

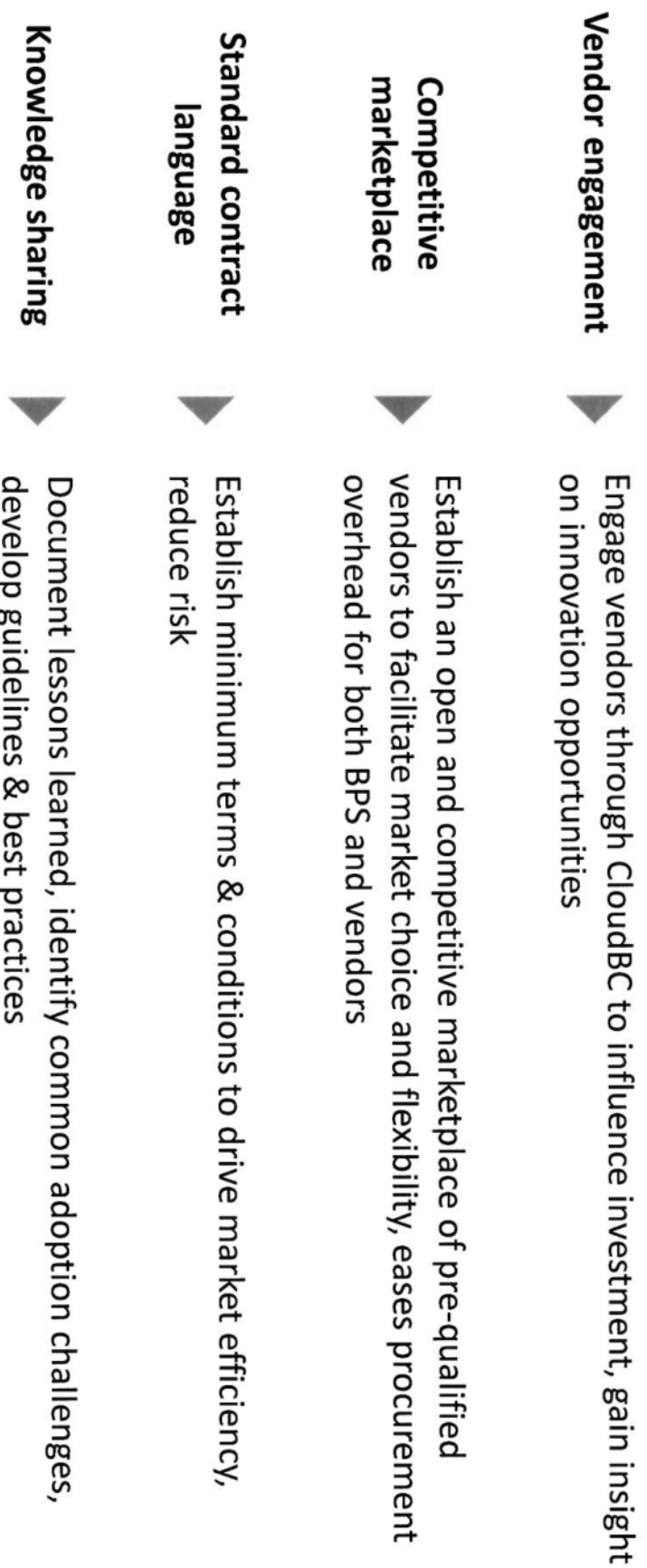
Agenda

- Meeting objectives
- Business value context
- **Introduction to CloudBC**
- Present Marketplace vision
- Next steps

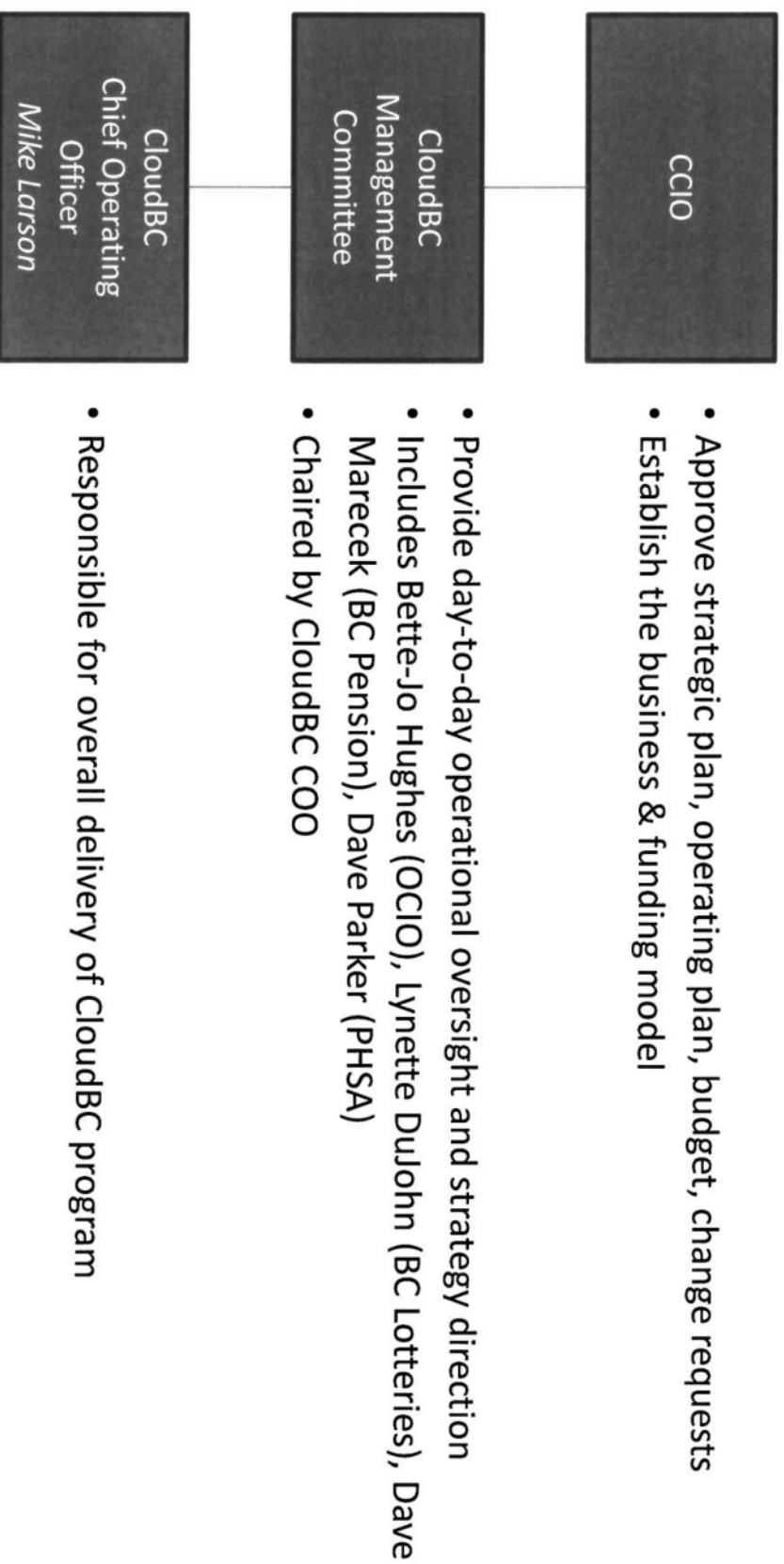
CCIO has launched CloudBC to help drive successful adoption of cloud services in the BC broader public sector

- CCIO approved a 3-year business plan and a budget and operating plan for Year 1 ending March 31, 2016 to launch CloudBC

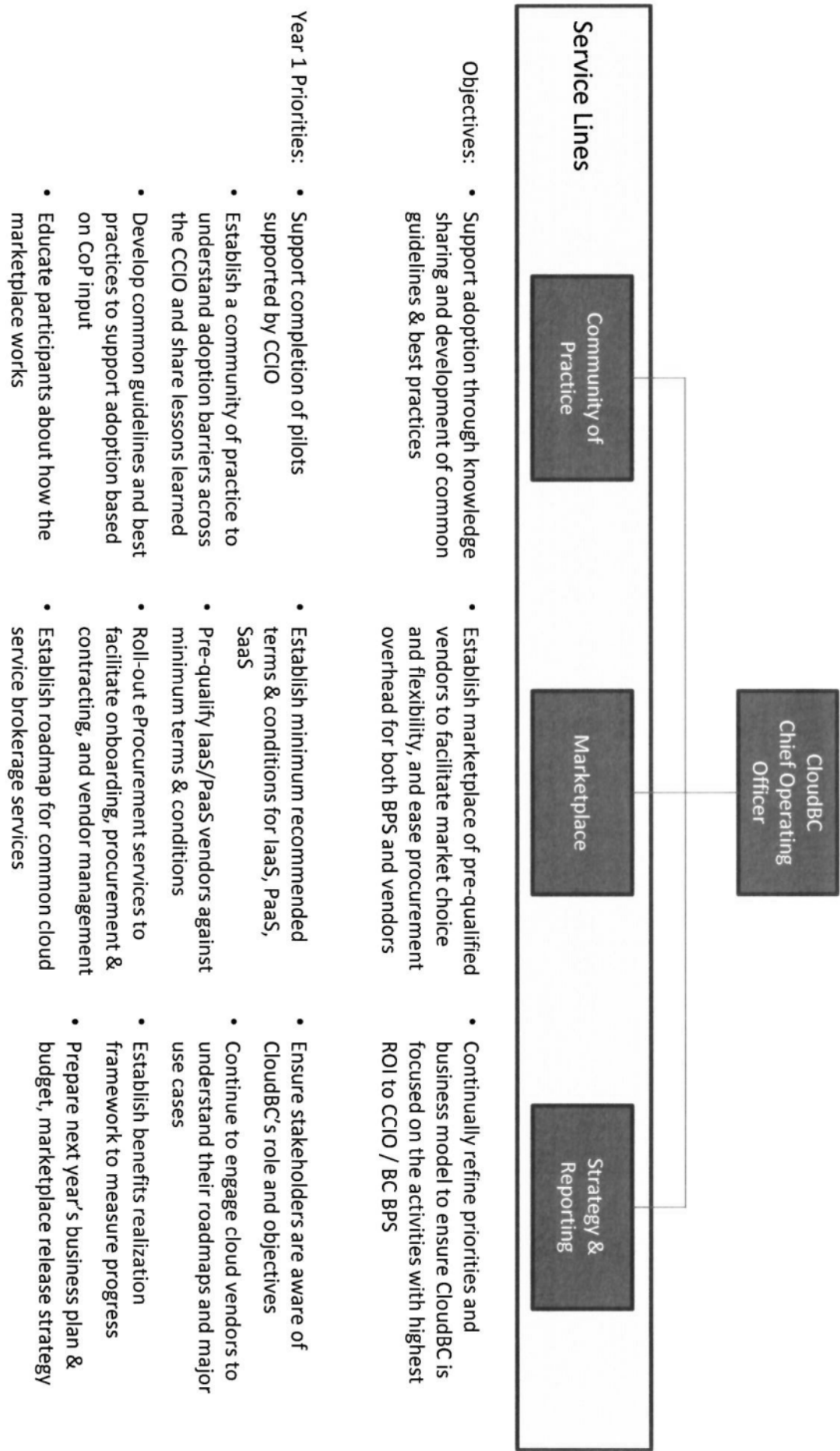
- The plan emphasizes four **strategic priorities** with corresponding **outcomes**:



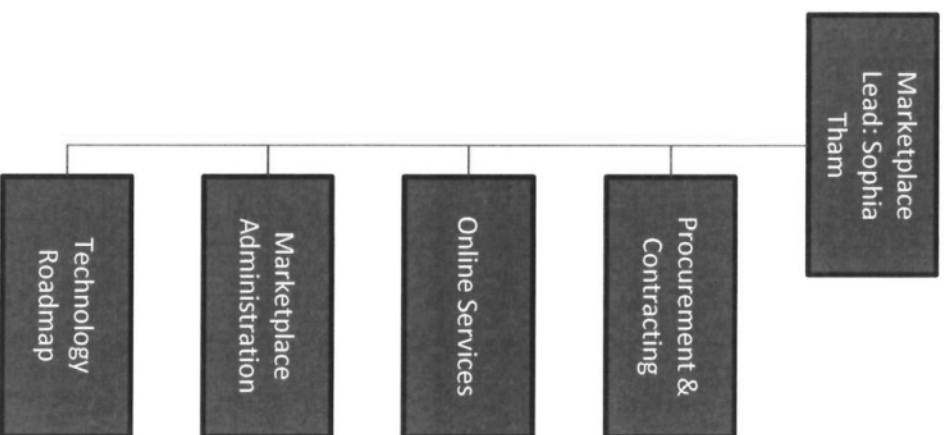
CloudBC is led by Mike Larson as Chief Operating Officer and is governed and funded by CCIO



CloudBC includes three service lines, each with an overall objective and priorities for year 1



A procurement executive advisory committee will advise on all aspects of the Marketplace

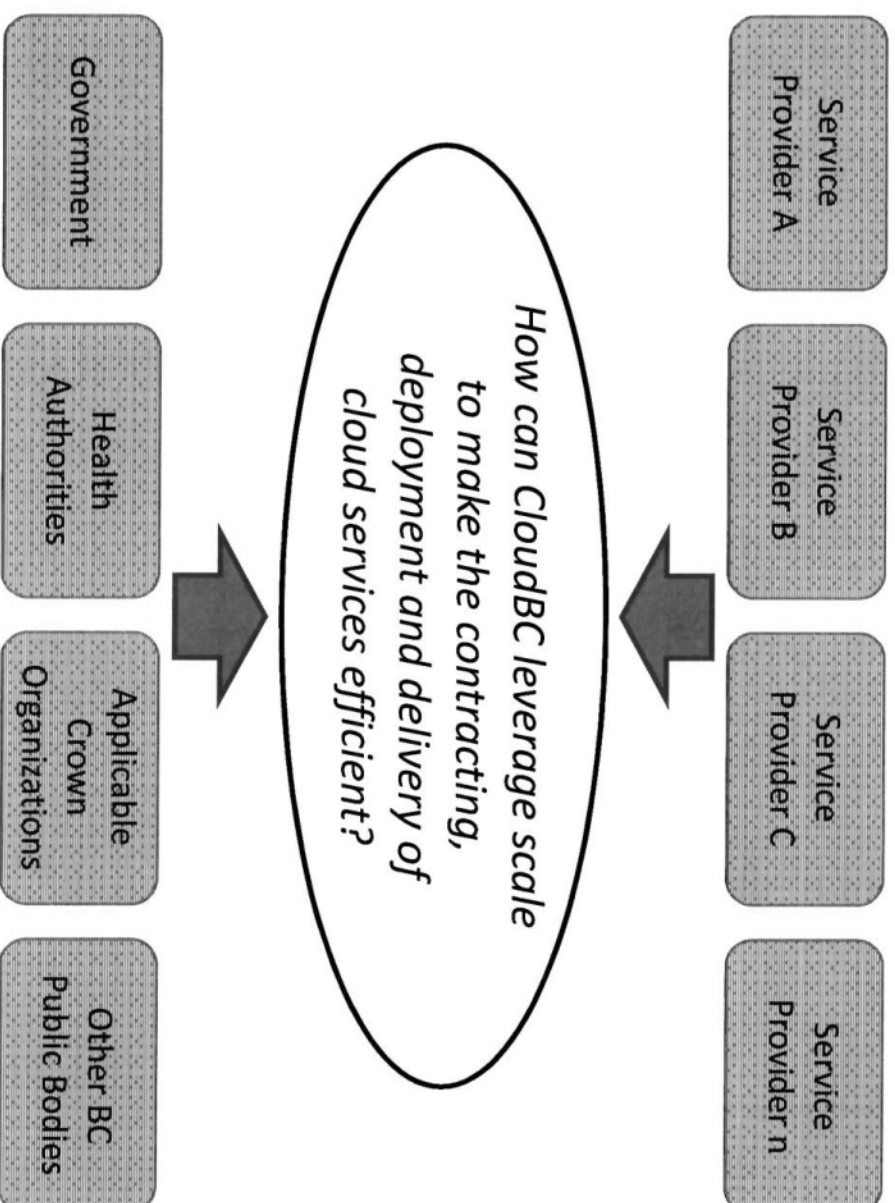


- Drafted terms of reference for a Procurement Executive Advisory Committee
- Supports CCIO objective to help drive change in procurement
- Duncan Mclelland (Shared Services), Dan Olsen (BC Hydro), Patrick Shannon (WorkSafeBC) have expressed their interest in participating, chaired by Sophia
- Responsibilities include:
 - Provide strategic recommendations on the approach to be taken for undertaking procurements to establish the CloudBC Marketplace;
 - Serve as a sounding board for any procurement-related issues or items that require input from multiple CCIO entities;
 - Recommend issues for escalation to CCIO and develop recommendations for consideration and decision by the CCIO Management Committee for CloudBC.
 - Review and recommend approval of the Marketplace RFX implementation plan submitted by PSB through the Chair
- The PSC will operate for the balance for the balance of year 1 at a minimum

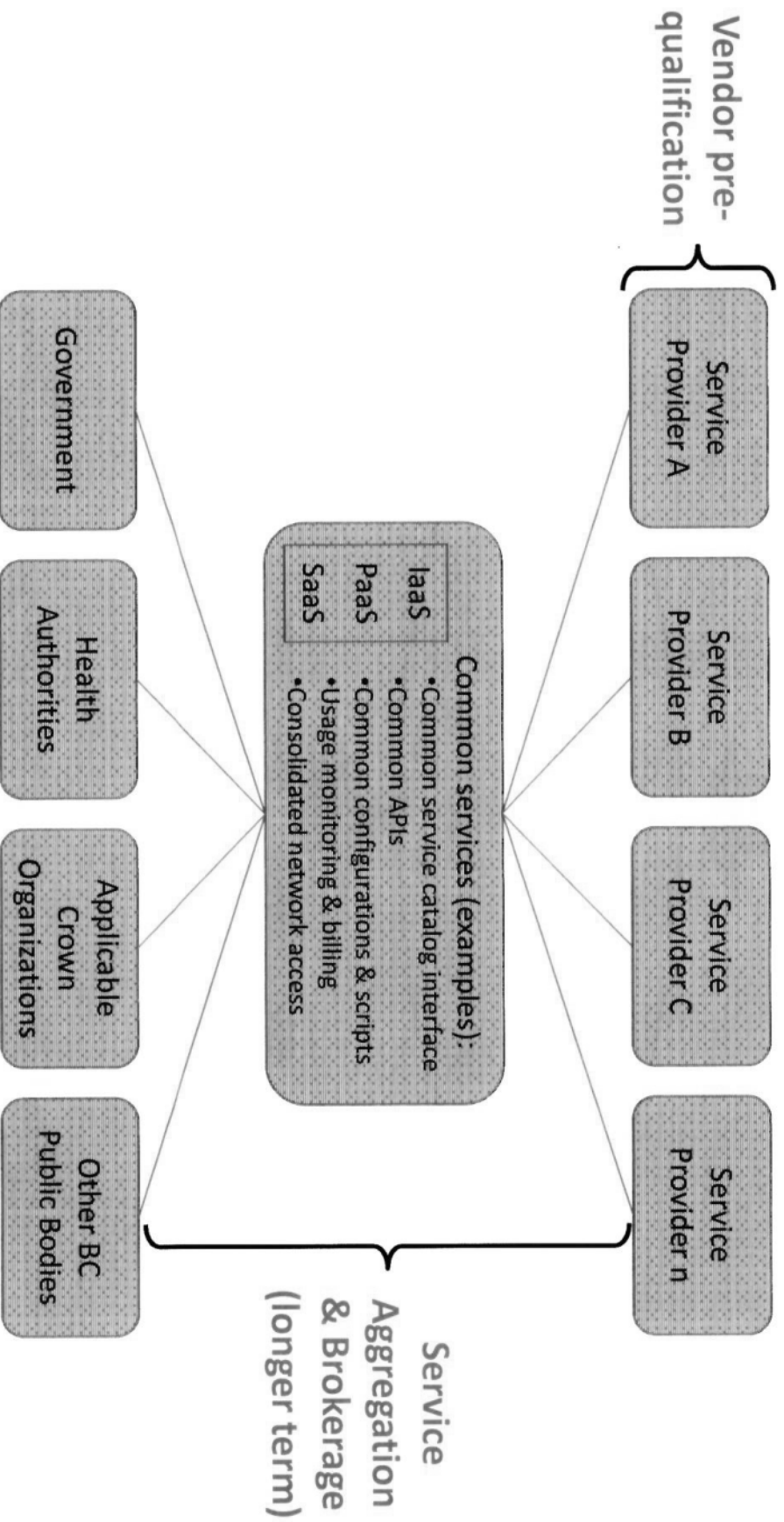
Agenda

- Meeting objectives
- Business value context
- Introduction to CloudHC
- **Present Marketplace vision**
- Next steps

The marketplace is fundamentally about making the end-to-end process of contracting and deploying cloud services as seamless as possible



A long-term vision for a CloudbC marketplace has been developed that focuses on two primary components



We are targeting to complete the following marketplace-related deliverables by the end of March 2016

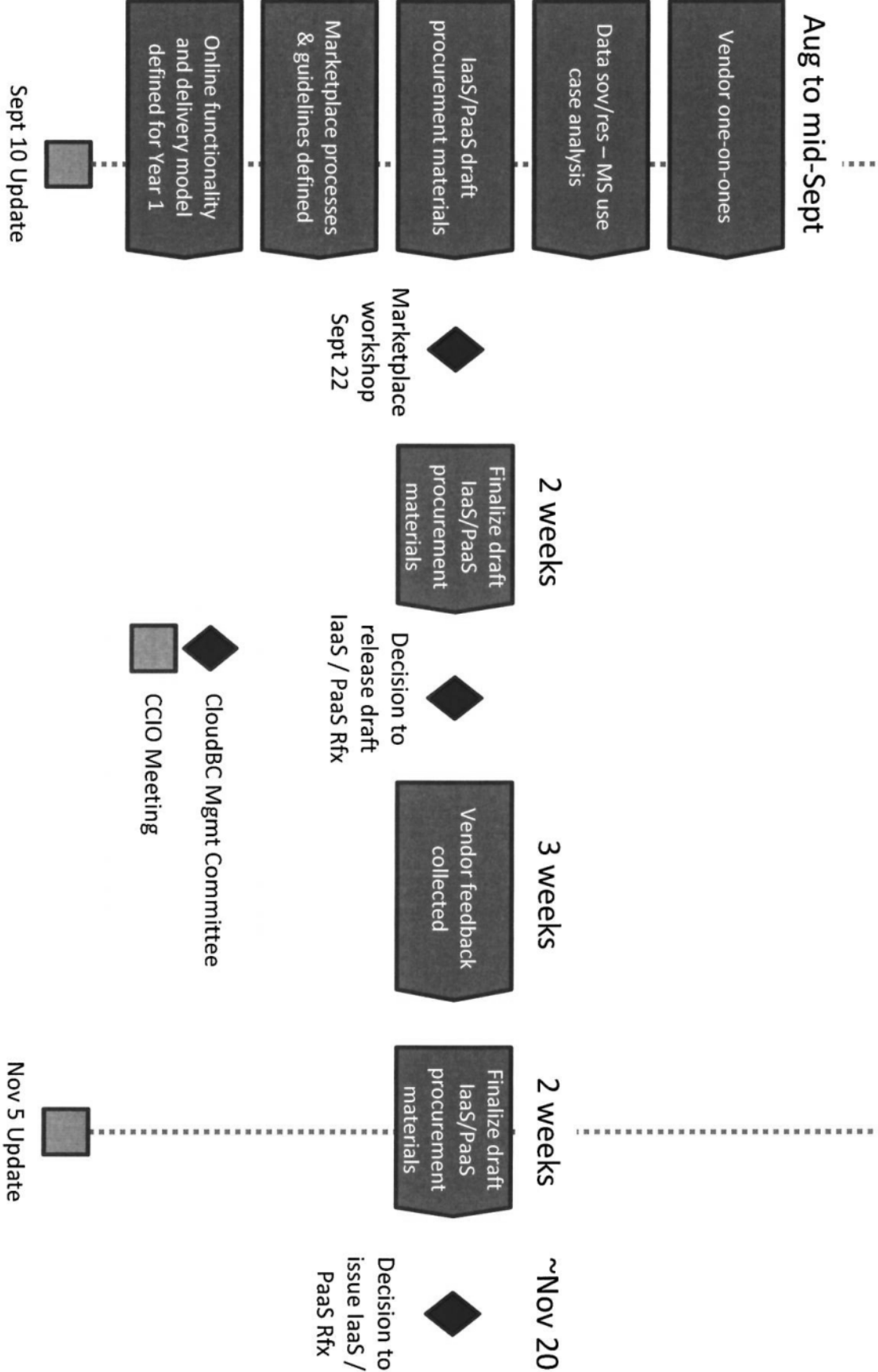
Year 1 Plan

Vendor pre-qualification	<ul style="list-style-type: none">• “Best Practice” Ts and Cs for cloud contracts will be developed and available for entities to use for their specific requirements• Marketplace release #1 will include IaaS and PaaS – next steps:<ul style="list-style-type: none">• Release draft RFX and agreement for feedback• Issue RFX for Pre-qualification• Post offerings on website
Service Aggregation & Brokerage	<ul style="list-style-type: none">• Complete market scan of commercial offerings• Develop standards and reference architecture with industry input• Define Year 2 deliverables based on CCIO priorities and market readiness

Agenda

- Meeting objectives
- Business value document
- Introduction to CloudBC
- Project Management Office
- **Next steps**

Targeting Nov 20 to release the RfX for IaaS/PaaS services; pre-planning with Procurement Services is ongoing





CloudBC Update

Mike Larson

Agenda

1. Progress summary
2. Organizational model

s.17

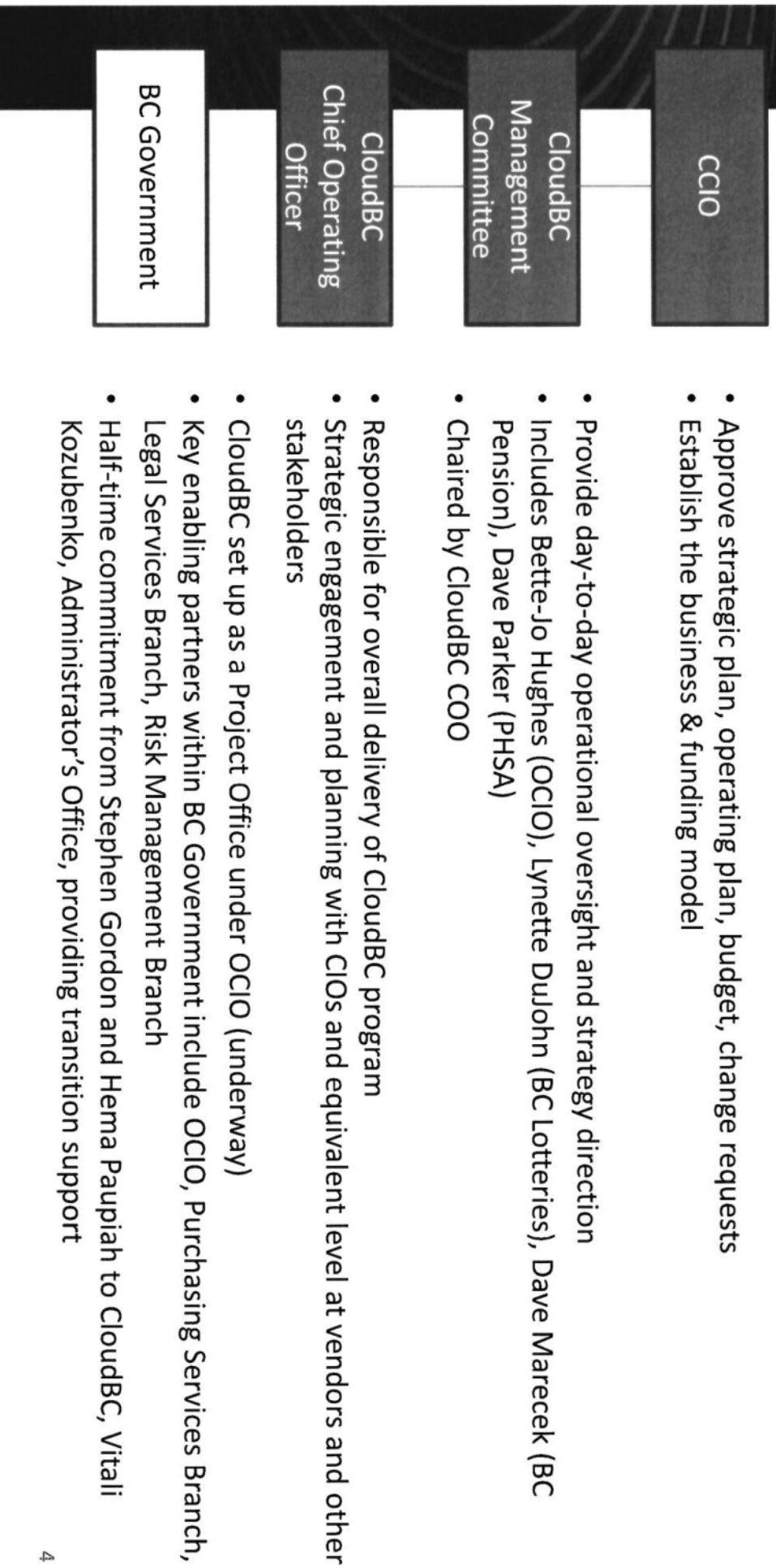
4. Progress Update by Service Line
5. Financials

Progress Summary

- Developed an organizational structure; all key resourcing gaps are now addressed or planning in progress
- Vendor update held on Aug 5 and through mid-Sept, with one-on-one discovery sessions scheduled with all vendors on the call
- CloudBC Management Committee up and running
- Workshop scheduled with Management Committee on Sept 22 to confirm direction on key design aspects of the marketplace and business model
- Transition activities underway, key next step being to transition financial administration to Core Gov't
- Timeline and financial plan remains at risk as we work through the transition activities

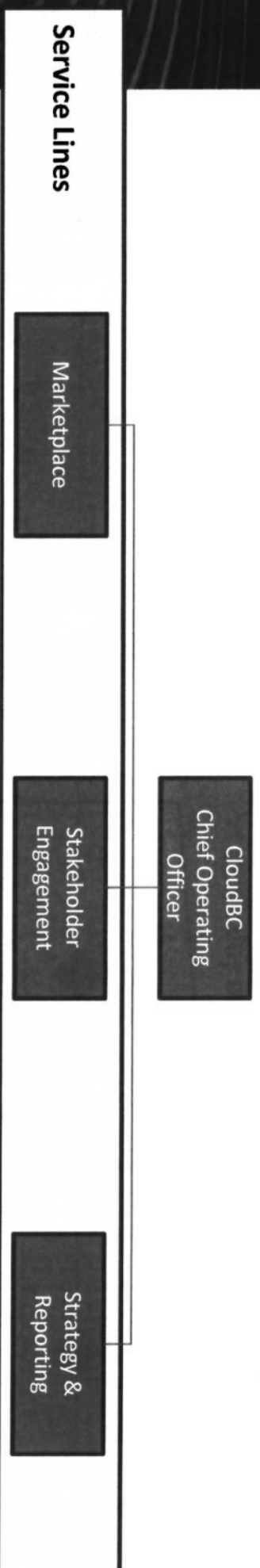
Organizational Model

The overall organizational structure and governance model for CloudbC are taking shape



Organizational Model

The organizational model reflects a consolidation of the work streams presented previously, while the overall objectives and priorities remain unchanged



Service Lines

Objectives:	<ul style="list-style-type: none">Establish marketplace of pre-qualified vendors to facilitate market choice and flexibility, and ease procurement overhead for both BPS and vendors	<ul style="list-style-type: none">Support capacity building and adoption through knowledge sharing and development of common tools and guidelines	<ul style="list-style-type: none">Continually refine priorities and business model to ensure CloudBC is focused on the activities with highest ROI to CCIO / BC BPS
Priorities:	<ul style="list-style-type: none">Pre-qualify IaaS/PaaS vendors against minimum terms & conditionsEstablish marketplace administrative processes, governance, roles & responsibilitiesEstablish a searchable website to facilitate the purchase of IaaS and PaaS services by BPS entitiesDevelop a plan for rolling out eProcurement services based on the value case for each functionEducate marketplace participantsEstablish roadmap for common cloud brokerage services	<ul style="list-style-type: none">Establish engagement strategies and plans with and for each CCIO organizationSupport completion and knowledge management of materials resulting from pilots and first adopter experiencesDevelop common guidelines and best practices, e.g. readiness templatesEstablish a community of practice to understand and eliminate adoption barriers across the CCIO	<ul style="list-style-type: none">Complete successful transition to go-forward CloudBC delivery modelDevelop and execute stakeholder engagement and communication plans (incl. creating brand collateral)Finalize the CloudBC business model and performance measurement frameworkContinue to engage cloud vendors on their roadmaps and major use casesPrepare next year's business plan & budget, marketplace release strategy

5

Page 065

Withheld pursuant to/removed as

s.17

Progress Update by Service Line

Service Lines

Marketplace

Stakeholder Engagement

Strategy & Reporting

Year 1 Priorities:

- Pre-qualify IaaS/PaaS vendors against minimum terms & conditions
- Establish marketplace administrative processes, governance, roles & responsibilities
- Establish a searchable website to facilitate the purchase of IaaS and PaaS services by BPS entities
- Develop a plan for rolling out eProcurement services based on the value case for each function
- Educate marketplace participants
- Establish roadmap for common cloud brokerage services

Program Update

- Kick-offs held with core government procurement and legal resources; work ongoing to set up necessary MOUs
- Preparing workshop materials for Sept 22; key objective is to get provisional approval to finalize RFX for IaaS/PaaS services

s.17

- Collecting feedback from vendors on procurement & contracting model re IaaS/PaaS

Current Status

- Remain on track to issue RFX on Nov 20, continue to target having contract vehicles in place by fiscal year end

Progress Update by Service Line

Service Lines

Marketplace

Stakeholder Engagement

Strategy & Reporting

Year 1 Priorities:

- Establish engagement strategies and plans with and for each CCIO organization
- Support completion and knowledge management of materials resulting from pilots and first adopter experiences
- Develop common guidelines and best practices, e.g. readiness templates,
- Establish a community of practice to understand and eliminate adoption barriers across the CCIO

Recent Activities

- Update sessions completed with ICBC & IHA, scheduled with BCLC & BCH
s.17
- Looking at options for a secured site for CCIO to access deliverables

Current Status

- Unfilled position
s.17

Service Lines	Marketplace	Stakeholder Engagement	Strategy & Reporting
<p><u>Year 1 Priorities:</u></p> <ul style="list-style-type: none"> • Complete successful transition to go-forward CloudbBC delivery model • Develop and execute stakeholder engagement and communication plans (incl. creating brand collateral) • Finalize the CloudbBC business model and performance framework • Continue to engage cloud vendors on their roadmaps and major use cases • Prepare next year's business plan & budget, marketplace release strategy 	<p><u>Program Update</u></p> <ul style="list-style-type: none"> • Transition activities underway, key next step being to transition financial administration to Core Govt • Execution of 90-day communication plan presented to CCIO in July is underway and on track; development of longer-term communication and external stakeholder engagement plans underway • Logo and design work underway • One-on-one discovery sessions scheduled with HP, IBM, Microsoft, Telus, Amazon Web Services, Cisco, Hitachi, Oracle, Salesforce • Looking for feedback from vendors on the business model and how they want to engage in business planning going forward 	<p><u>Current Status</u></p> <ul style="list-style-type: none"> • Year 1 priorities on track 	

Financial Update

Year to Date Actual covers the period of May through August.

Year 1 Budget	Year to Date Actual	Sum of Remaining Forecast	Sum of Actual + Remaining Forecast	Forecast Budget Variance
\$1,801,217	\$304,839	\$1,209,000	\$1,513,839	\$287,378



BRITISH
COLUMBIA



B.C. Public Sector Cloud Strategy

CloudBC and Beyond

GTEC 2015

Stephen Gordon

Office of the Chief Information Officer
The Government of British Columbia

Michael Larson

Chief Operating Officer
CloudBC



BRITISH
COLUMBIA



B.C. Public Sector Cloud Strategy

The CloudBC Program
Provincial Government Cloud Strategy



BRITISH
COLUMBIA



B.C. Public Sector Cloud Strategy

The CloudBC Program

Provincial Government Cloud Strategy

The B.C. Council of CIOs (CCIO)

Our Context

CIO-level representation from B.C. public sector.

B.C. Government; 6 regional health authorities and 6 Crown organizations: BC Hydro, Insurance Corporation of BC, WorkSafeBC, BC Lottery Corp, BC Ferries, BC Pension Corp.

Represents roughly \$3 billion in annual IT expenditures.

Advises and governs strategic opportunities of common interest such as cloud computing.

Transformation scale of cloud computing was quickly recognized, affirmed by business case.

Members recognized they were facing many of the same adoption opportunities and challenges.

A strategy was developed and commitment expressed to work together to encourage and support cloud adoption across B.C. public sector.

CloudBC

CloudBC has been launched to support the successful adoption of cloud services in the B.C. public sector.

Priorities and Outcomes

Standard contract language

Establish standard terms and conditions to drive market efficiency, reduce risk (e.g., compliance).

Vendor engagement

Engage vendors through CCIO to influence investment, increase bargaining power and gain insight on innovation opportunities.

Competitive marketplace

Establish an open and competitive marketplace of CCIO-certified vendors to facilitate market choice and efficient on-boarding.

Knowledge sharing

Document lessons learned, identify common adoption challenges, develop guidelines and best practices to support adoption readiness.

CloudBC

CloudBC has been launched to support the successful adoption of cloud services in the B.C. public sector.

Return on Investment

Single solutions to common problems

Identify the work that is common to all and solve it once, such as T&Cs for FOI compliance, etc.

Pricing advantages

Common T&Cs, on-boarding processes timelines develop bargaining power with vendors.

Process efficiencies

Establishing master contracts with straightforward on-boarding reduces procurement effort for all.

Faster access to new services

Driving investment in B.C. market; forum will focus effort on the opportunities of greatest value.

Insight on innovation

Common forum for vendors to showcase offerings and share ideas on driving innovation and value.

Best practice awareness

Forum to share lessons learned, best practices.

CloudBC

CloudBC has been launched to support the successful adoption of cloud services in the B.C. public sector.

Competitive Marketplace

Vendor prequalification

IaaS and PaaS services initially with SaaS services and value-added services to follow. Utilization of a common set of T&Cs.

Getting to cloud

Stakeholder readiness and community of practice, assisting suppliers to register their services and encouraging adoption among public sector entities.

Governance

Strategic governance through CCIO; operational oversight through CloudBC Management Committee; COO responsible for delivery.

CloudBC

CloudBC has been launched to support the successful adoption of cloud services in the B.C. public sector.

Competitive Marketplace

Vendor prequalification

IaaS and PaaS services initially with SaaS services and value-added services to follow. Utilization of a common set of T&Cs.

Getting to cloud

Stakeholder readiness and community of practice, assisting suppliers to register their services and encouraging adoption among public sector entities.

Governance

Strategic governance through CCIO; operational oversight through CloudBC Management Committee; COO responsible for delivery.

...and beyond

Service aggregation & brokerage

Self-service reporting, real-time cost analytics, centralized billing and payment, built on commercially available platform, extensible beyond B.C. public sector.



BRITISH
COLUMBIA



B.C. Public Sector Cloud Strategy

The CloudBC Program
Provincial Government Cloud Strategy



BRITISH
COLUMBIA



B.C. Public Sector Cloud Strategy

The CloudBC Program
Provincial Government Cloud Strategy

IT is all about access.

IT is all about access.

IT is all about **access.**

(n.) ak.ses

The means or opportunity to approach or enter a place:

'the execution of our strategy, through a coordinated program of projects and initiatives, enables access to cloud services for B.C. public sector'

Enabling our employees and citizens
to access and adapt to new and
evolving IT sector roles.

Ability for the public sector to
utilize a modern platform of
business and technology services.

Connecting our B.C. technology sector
with the public service to create and
deploy new, agile solutions.

access.

Enabling our employees and citizens
to access and adapt to new and
evolving IT sector roles.

Ability for the public sector to
utilize a modern platform of
business and technology services.

Connecting our B.C. technology sector
with the public service to create and
deploy new, agile solutions.

people

efficiency

innovation

Enabling our employees and citizens
to access and adapt to new and
evolving IT sector roles.

Ability for the public sector to
utilise a modern platform of
business and technology services.

Connecting our B.C. technology sector
with the public service to create and
deploy new, agile solutions.

people

efficiency

innovation

Enabling our employees and citizens
to access and adapt to new and
evolving IT sector roles.

Cloud Service Architects
Cloud Service Managers
Cloud Orchestration Specialists
Cloud Infrastructure Managers
Data Architects
Cloud Service Brokers
Cloud Provider Specialists
Contract Management

people

Enabled by establishment of data
sovereign cloud services for B.C.

Enabled by utilization of Province
capacity and resources.

Enabling our employees and citizens
to access and adapt to new and
evolving IT sector roles.

Defining new roles within government
and realignment of existing roles
business and technology services.
Establishment of educational streams,
forums, and communities of practice
connecting our public technology sector
with the public service to create and
Supporting and encouraging our
workforce to embrace these new roles

people

Enabled by establishment of data
sovereign cloud services for B.C.

Enabled by utilization of Province
capacity and resources.

Ability for the public sector to
utilize a modern platform of
business and technology services.

Reduced cost of operation
Standardized business models
Service delivery innovation
Sustainable security model
Business agility

Connecting our B.C. technology sector
with the public service to create and
deploy new, agile solutions.

efficiency

Enabled by establishment of data
sovereign cloud services for B.C.

Enabled by utilization of Province
capacity and resources.

Enabled by access to public cloud
services.

Connecting our B.C. technology sector
with the public service to create and
deploy new, agile solutions.

Platform as a Service opportunities
Open API model for access to public data
Leverage of strategic partnerships
Analytics, IoT, and big data
B.C. Developers' Exchange
Connecting our B.C. technology sector
with the public service to create and
deploy new, agile solutions.

innovation

Enabled by establishment of data
sovereign cloud services for B.C.

Enabled by utilization of Province
capacity and resources.

‘the execution of our strategy, through a coordinated program of projects and initiatives, enables access to cloud services for B.C. public sector’

tactics

Enabled by establishment of data sovereign cloud services for B.C.

Enabled by utilization of Province capacity and resources.

Enabled by access to public cloud services.

‘the execution of our strategy, through a coordinated program of projects and initiatives, enables access to cloud services for B.C. public sector’

Leverage of our strategic vendor partnerships

Establishment of CloudBC marketplace for public sector

Pan-Canadian collaboration on standards and large cloud services

tactics

Enabled by establishment of data sovereign cloud services for B.C.

Enabled by utilisation of Province capacity and resources.

Enabled by access to public cloud services.

‘the execution of our strategy, through a coordinated program of projects and initiatives, enables access to cloud services for B.C. public sector’

Leverage of our provincial data centre, network and the expertise of our people

Establishment of the CloudBC marketplace for B.C. public sector

New business capability to design, deploy and consume cloud products and services

tactics

Enabled by establishment of data sovereign cloud services for B.C.

Enabled by utilization of Province capacity and resources.

Enabled by access to Public Cloud services.

‘the execution of our strategy, through a coordinated program of projects and initiatives, enables access to cloud services for B.C. public sector’

Development of terms and conditions with CloudBC for public cloud services

Qualification of suppliers of public cloud services to the CloudBC marketplace

Issuance of endorsement and guidance to ministries for the use of public cloud services

tactics

Enabled by establishment of data sovereign cloud services for B.C.

Enabled by utilisation of Province capacity and resources.

Enabled by access to public cloud services.

‘the execution of our strategy, through a
coordinated program of projects and
initiatives, enables access to cloud services for
B.C. public sector’

tactics

‘the execution of our strategy, through a coordinated program of projects and initiatives, enables access to cloud services for B.C. public sector’

tactics

Infrastructure as a Service
IaaS

Platform as a Service
PaaS

Software as a Service
SaaS

‘the execution of our strategy, through a coordinated program of projects and initiatives, enables access to cloud services for B.C. public sector’

Establish qualified suppliers of data sovereign and public cloud services to the marketplace

tactics

Infrastructure as a Service
IaaS

Platform as a Service
PaaS

Software as a Service
SaaS

‘the execution of our strategy, through a coordinated program of projects and initiatives, enables access to cloud services for B.C. public sector’

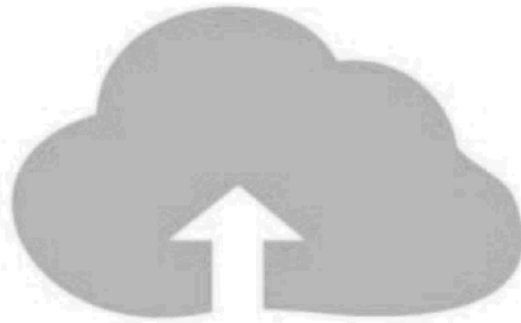
Development of the enterprise business architecture (EBA) for cloud services

Development and deployment of the workload classification framework for cloud

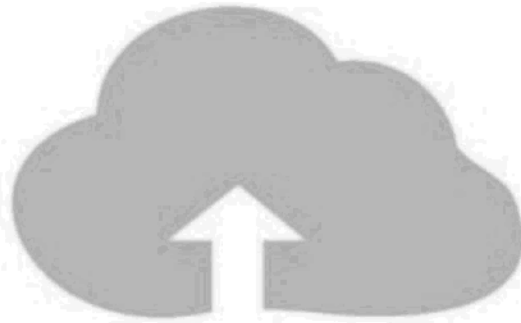
Establishment of CloudBC marketplace for public sector

tactics

A coordinated program to lead government to the cloud.



Core Government Cloud Strategy



Core Government Cloud Strategy

people

Enabling our employees and citizens to access and adapt to new and evolving IT sector roles.

efficiency

Ability for the public sector to utilize a modern platform of business and technology services.

innovation

Connecting our B.C. technology sector with the public service to create and deploy new, agile solutions.



BRITISH
COLUMBIA



B.C. Public Sector Cloud Strategy

The CloudBC Marketplace Provincial Government Cloud Strategy

GTEC 2015

Stephen Gordon
Office of the Chief Information Officer
The Government of British Columbia

Michael Larson
Chief Operating Officer
CloudBC