

Identity Management BC Government April 4, 2006 Ian.Bailey@gov.bc.ca

Agenda



- Current State
 - Internal/Employee IDIR
 - Internet BCeID
- Next Release (April 22nd)
 - New features
 - Infrastructure enhancements
 - 2-factor authentication
 - Personal BCeID registration walk-thru
 - Business BCeID registration walk-thru
- What's next and Challenges



Current State



- Single AD directory for Ministry employees and other agencies
 - Desktops, LAN, Email, HRMS, Financials, wireless and remote access, custom apps
- External Directory BCeID
 - 4th anniversary of service
 - Business users and self registered users
- CA Siteminder Web SSO environment leverages IDIR and BCeID



BCeID Current State

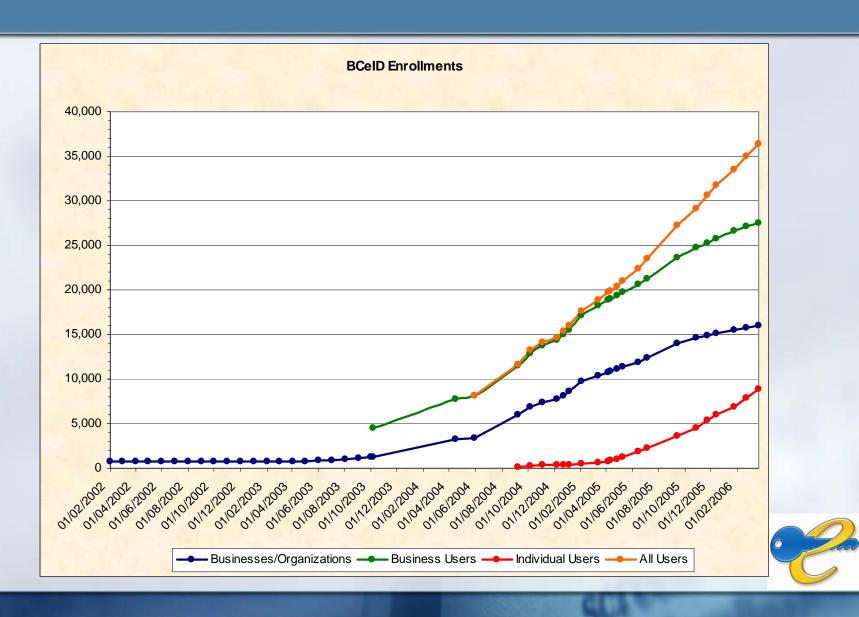


- E-Service deployments drive registration
 - grown to 16,000 businesses registered and 28,000 users
 - 70+ e-Services now use BCeID authentication
- Business identity verification by two methods
 - corporations registered by mail via the corporate registry database, or
 - responsibility of e-service owner to verify business identity and invite
- Added self registered in year 3
 - non identified (MyID's), grown to 9,000



Growth of BCeID





Next Release April 22nd

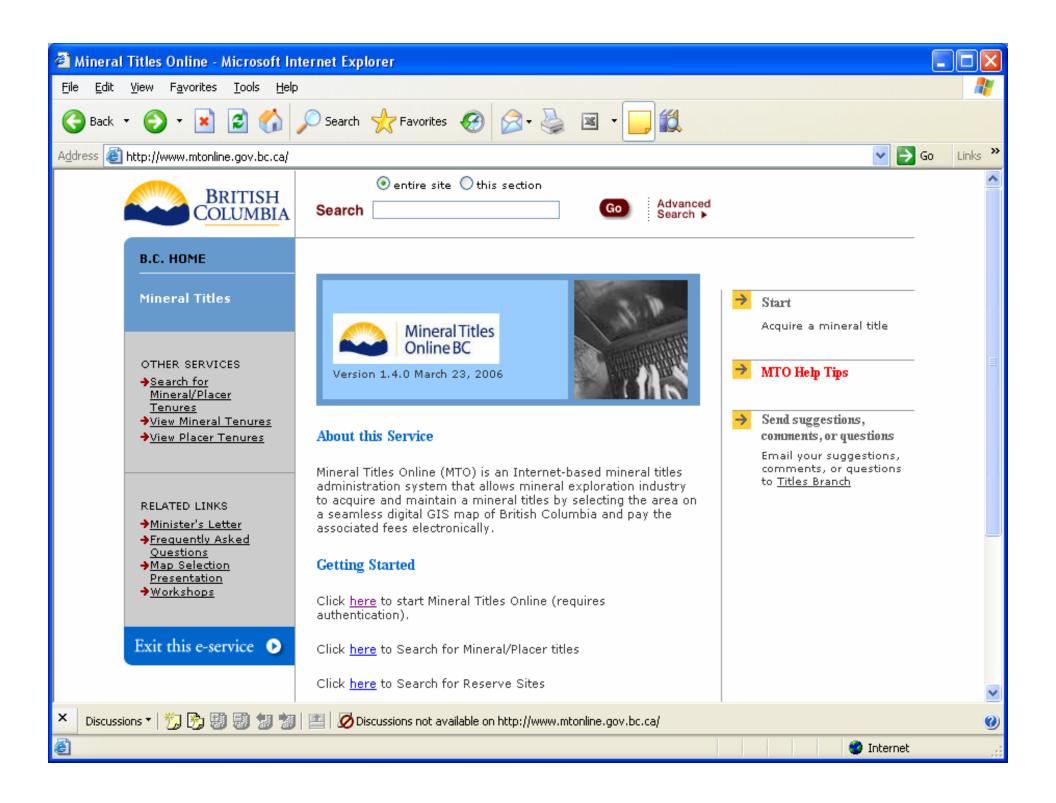


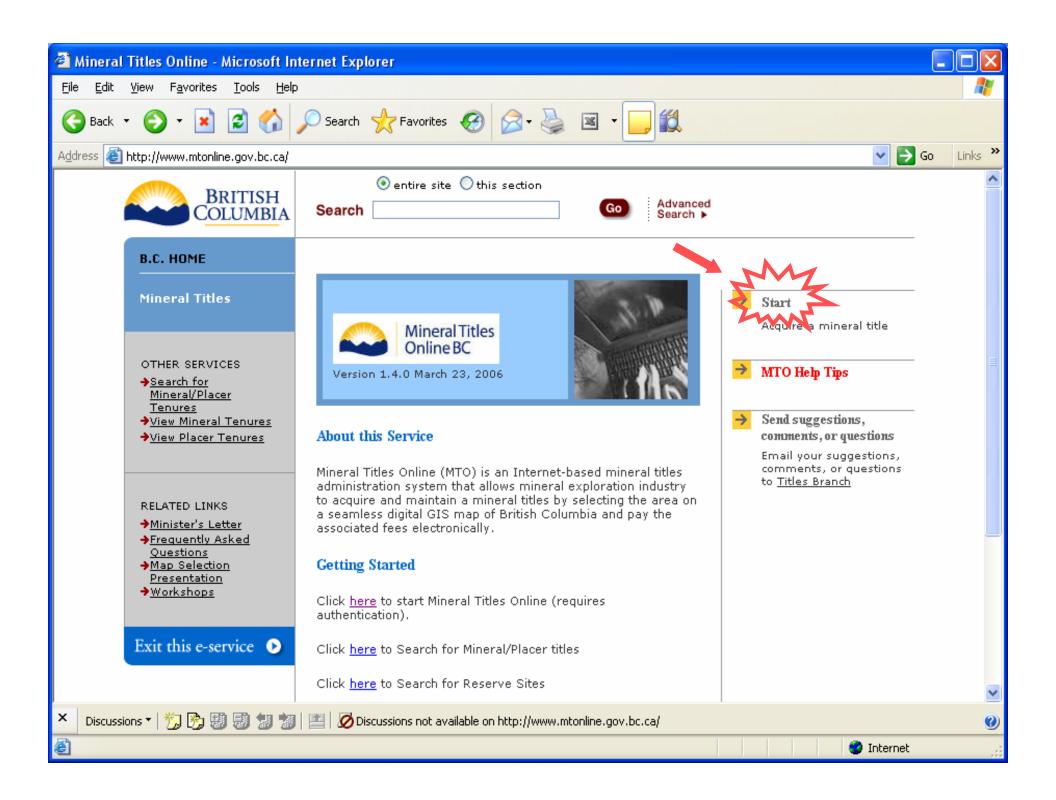
- Verified individual (personal) user type added
 - Basic BCeID replaces MyID
 - Personal BCeID for personal transactions
 - Business BCeID for business transactions
- Over-the-counter registration across the province
 - Identity verification by Service BC agents and Service Canada for personal and business users
- Improved Business Registration
 - Integration with OneStop and Corporate Online e-Services
- Two factor authentication for employees
 - USB tokens with Federal government PKI (Public Works) for high security applications
- High availability with fail-over to Vancouver data centre
 - Estimated 300 e-services in BC government

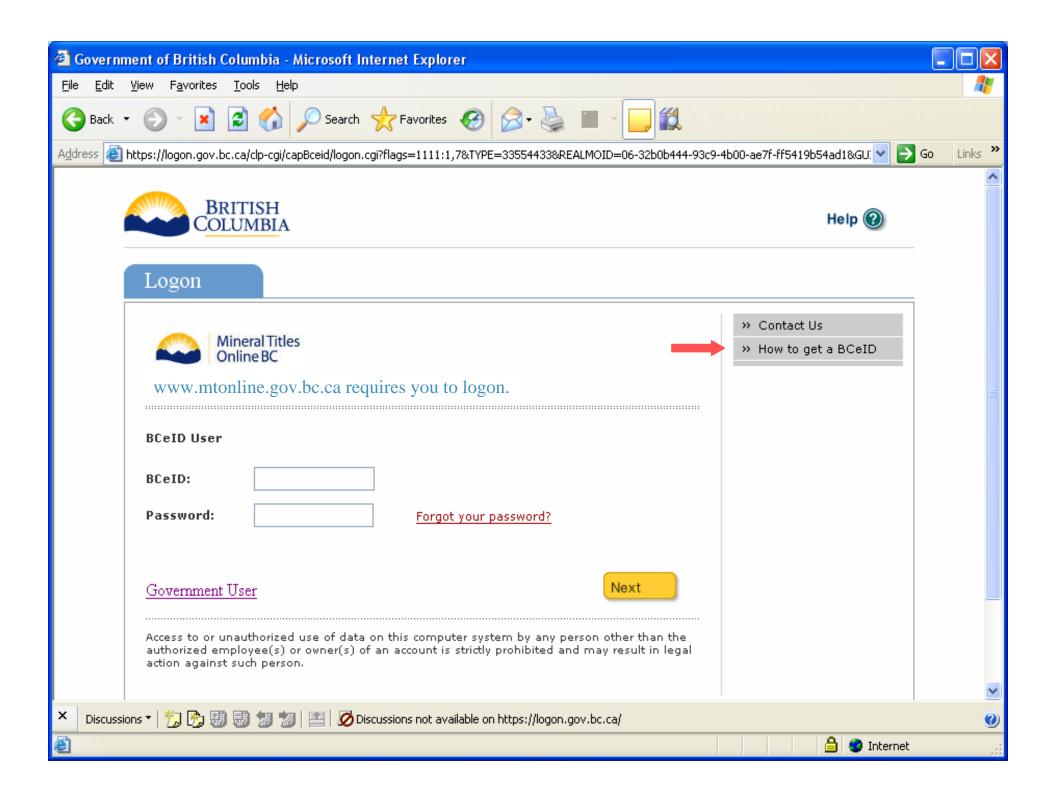


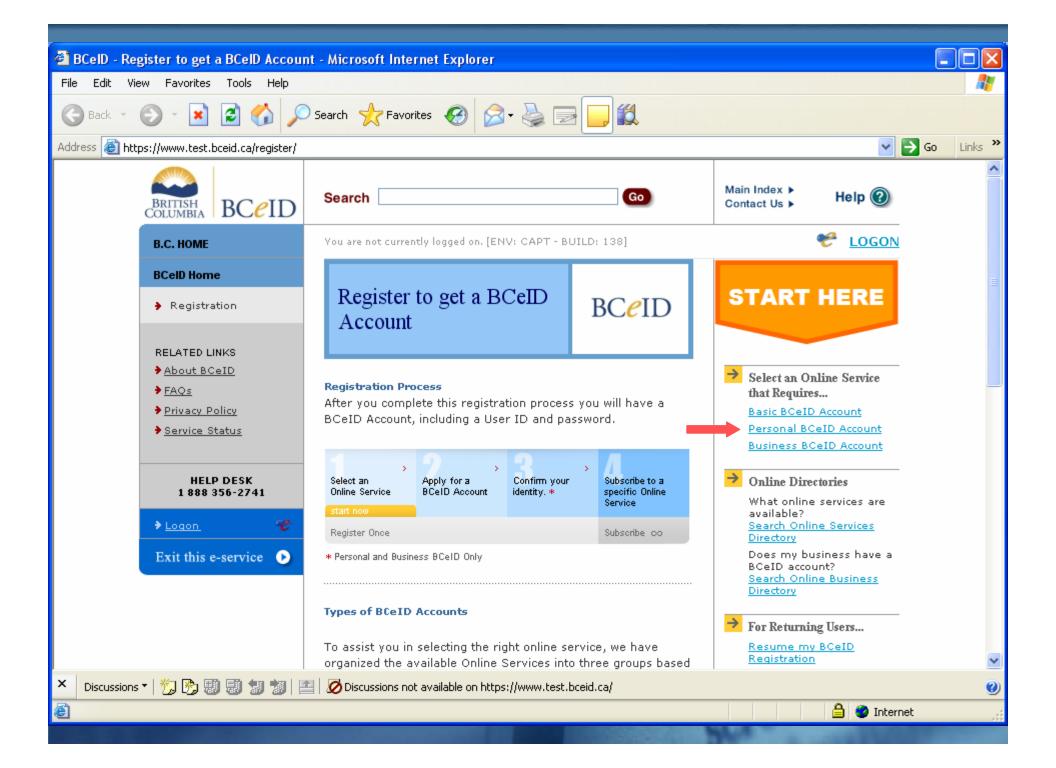
Personal BCeID Registration walk-thru

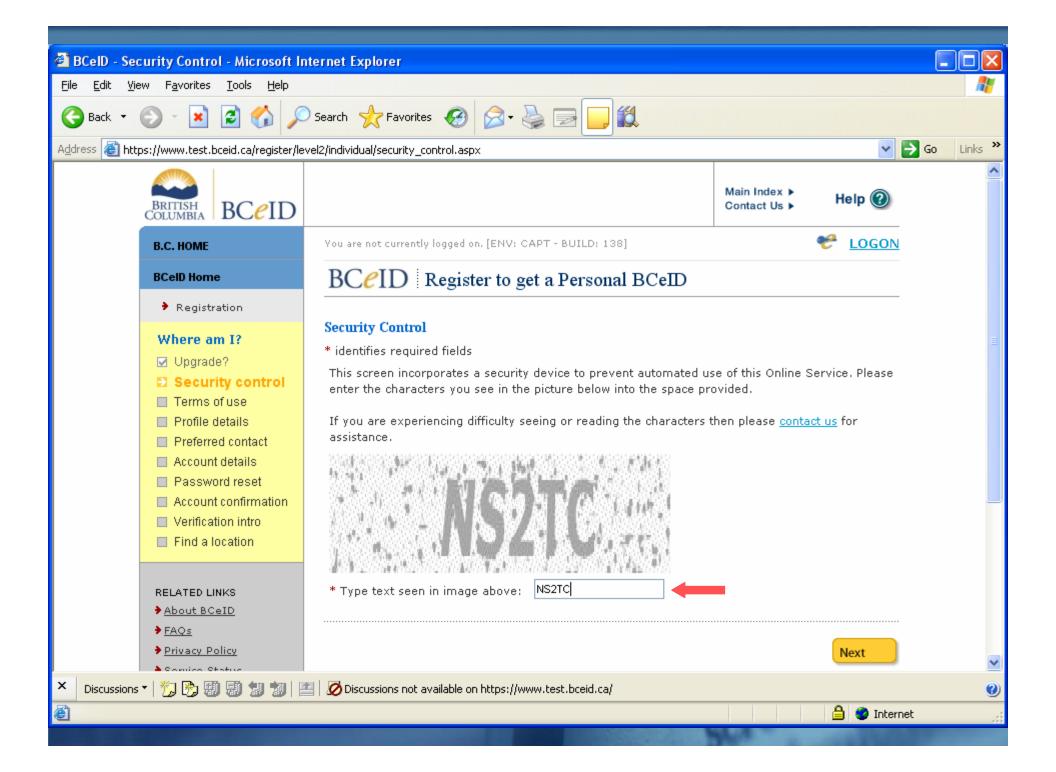
- Scenario as follows
 - User attempts to use e-Service from home
 - Needs a personal BCeID
 - Completes the application at home
 - Goes to the point of service
 - Shows ID to prove their identity
 - Service agent verifies ID and marks as approved
 - User can now logon and subscribe to e-Service

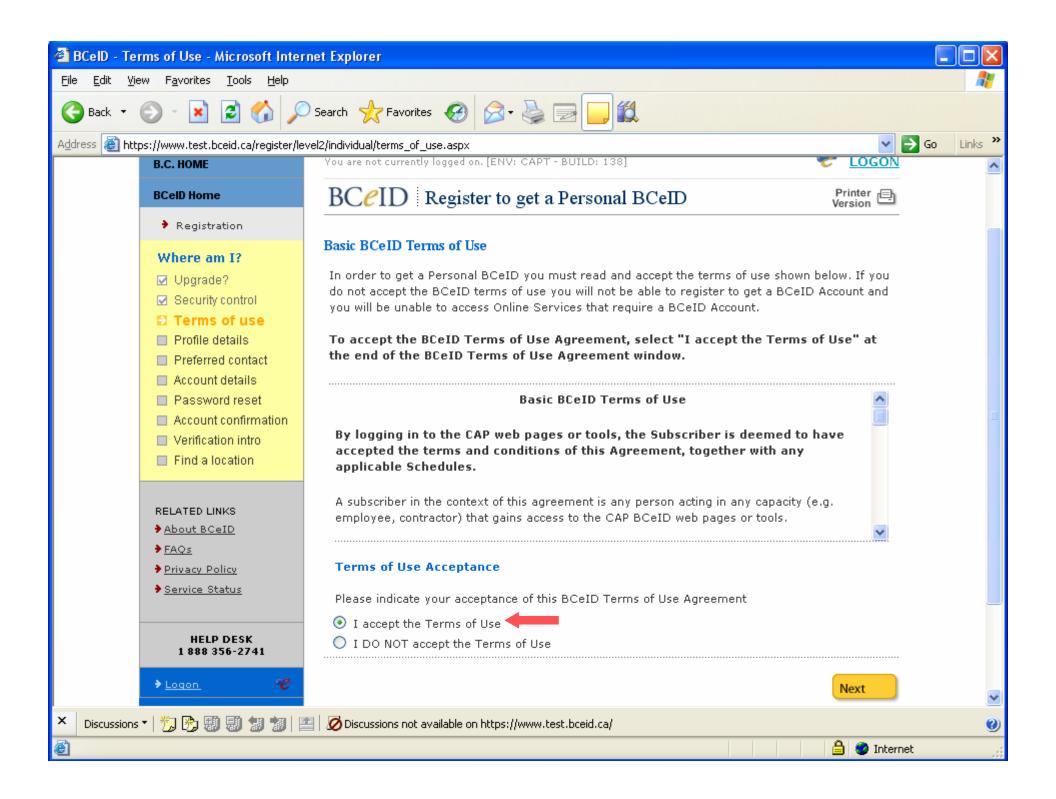


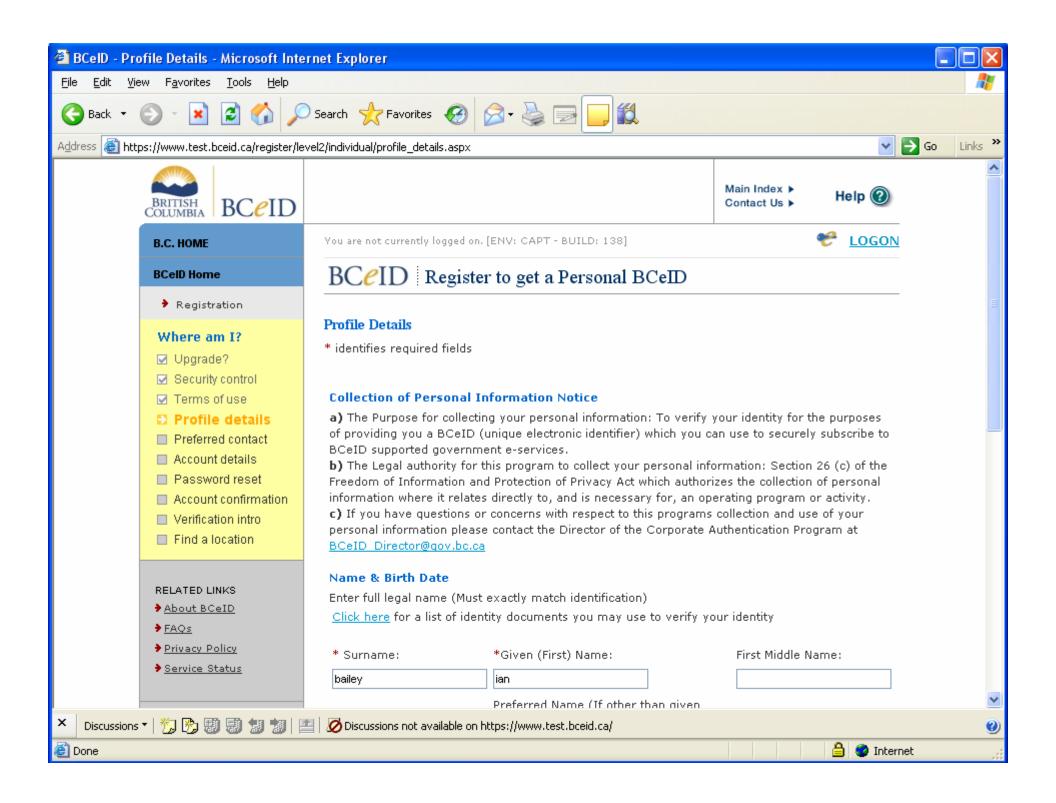


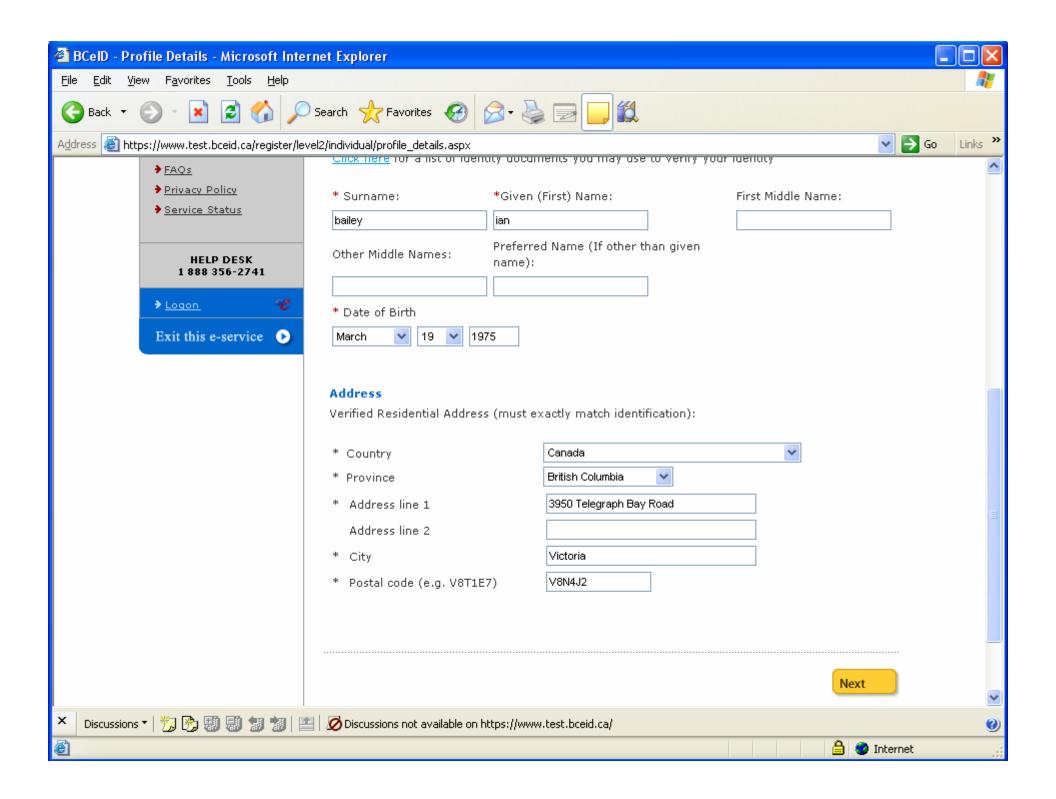


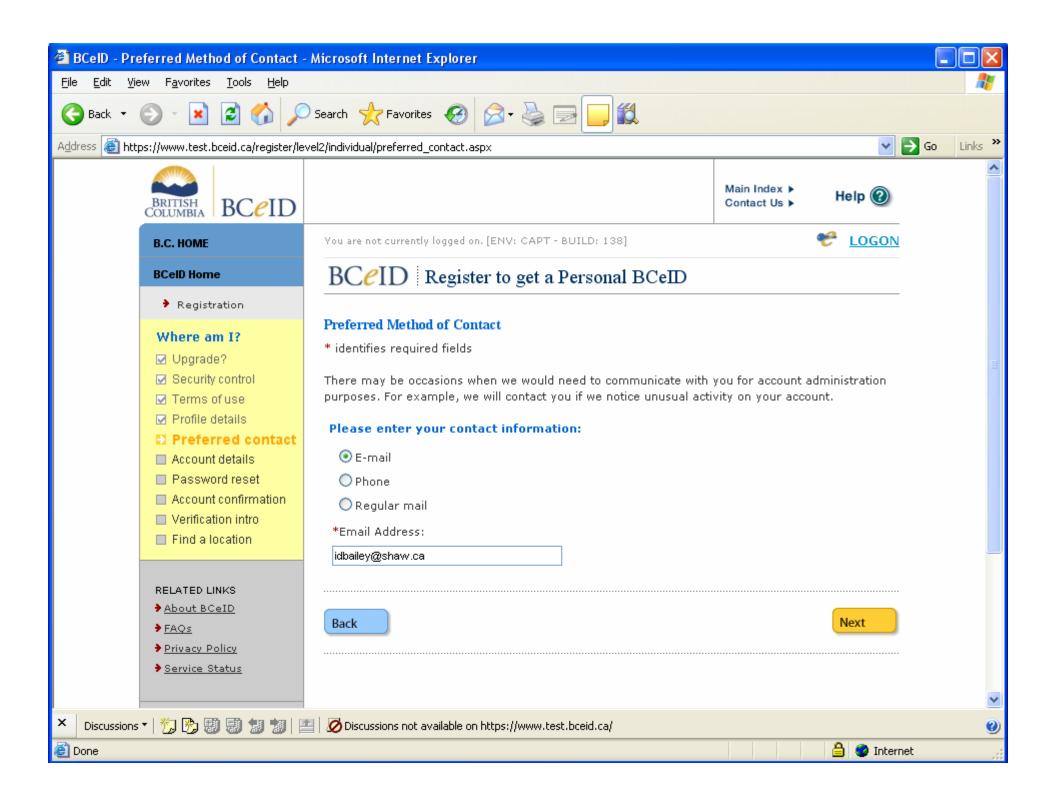


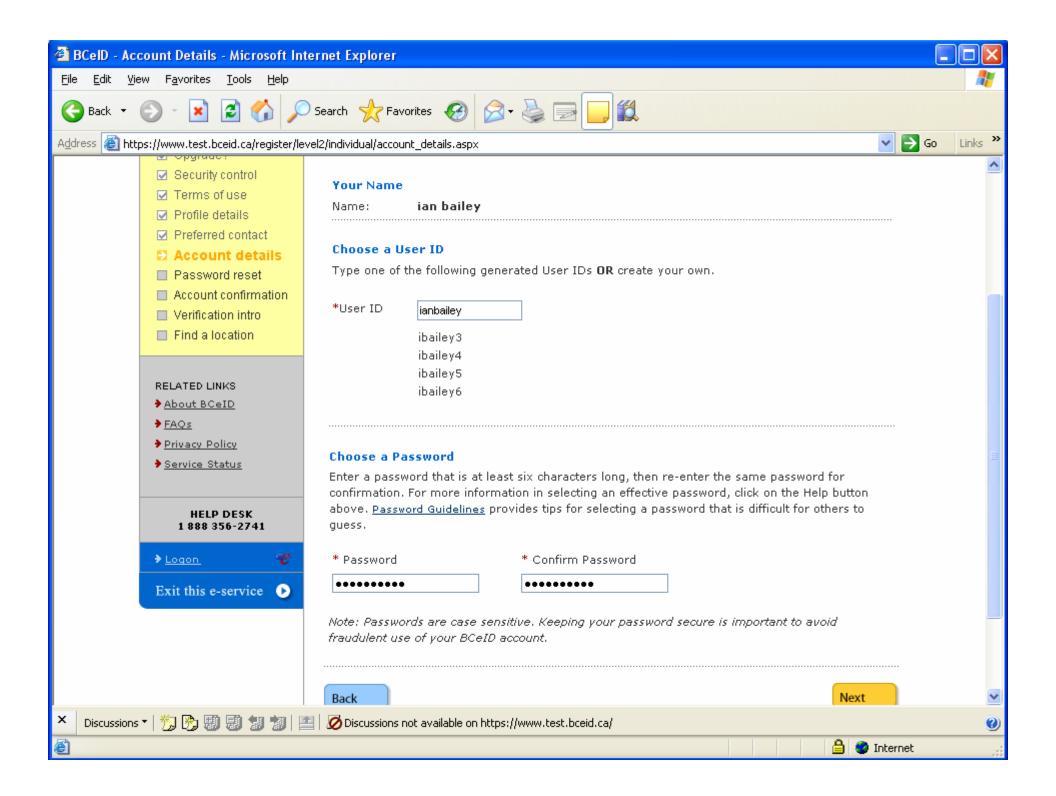


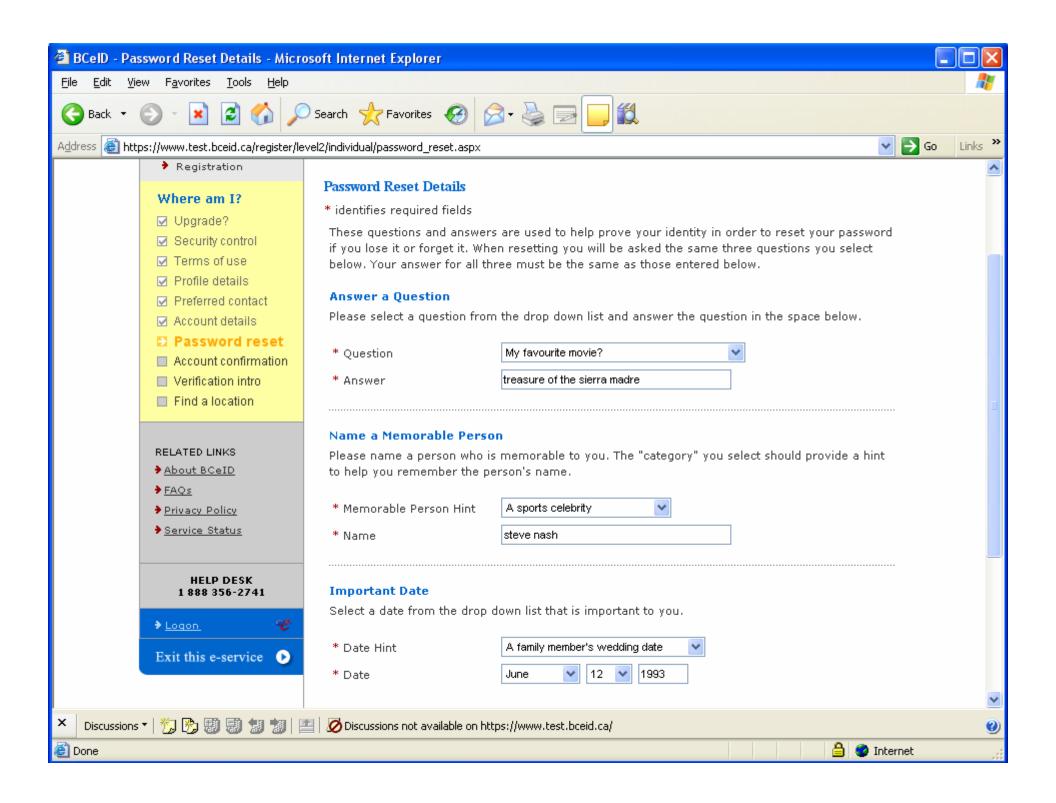


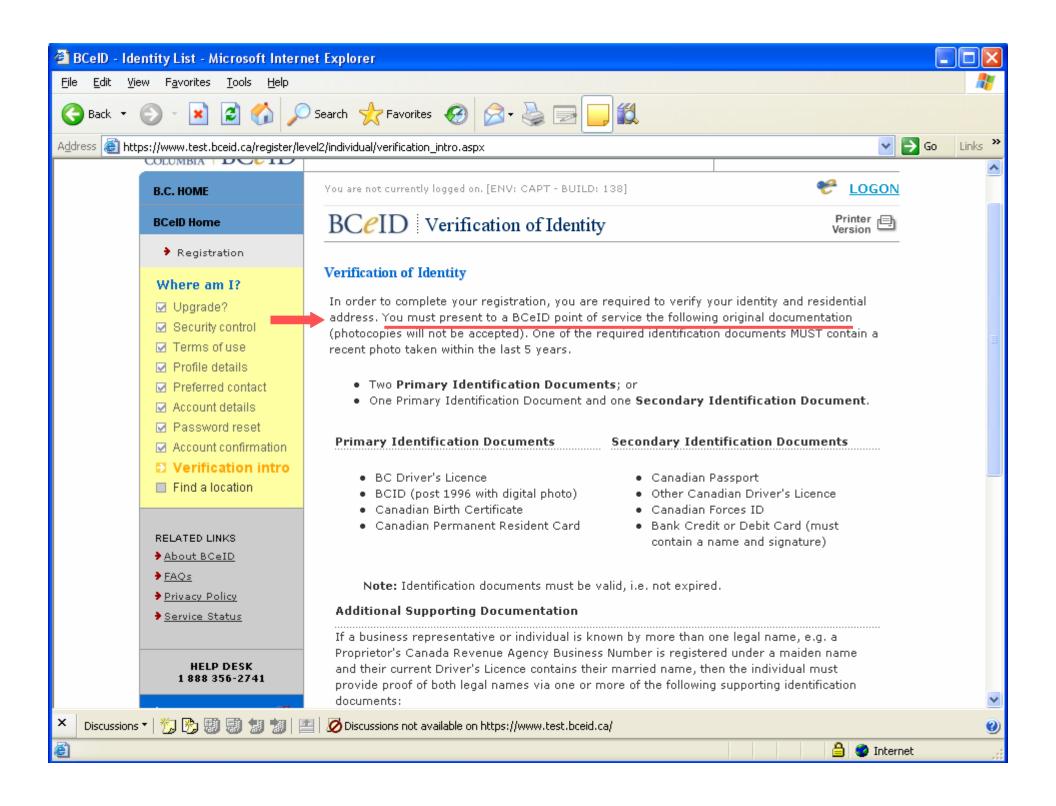


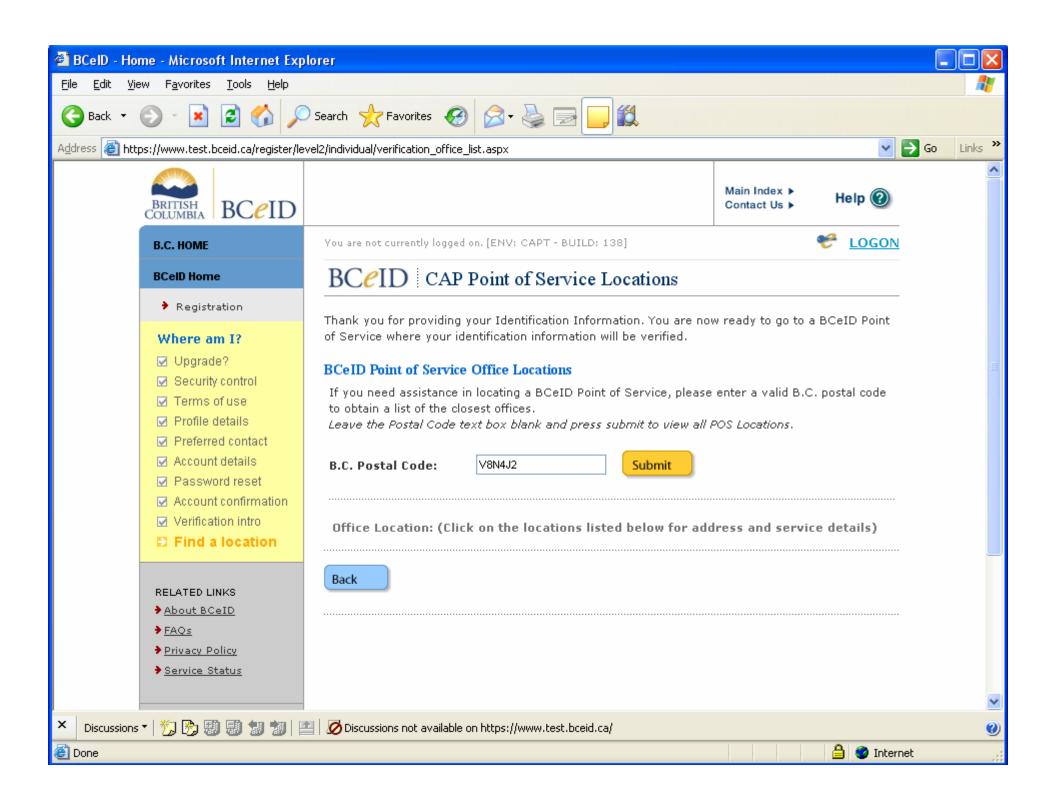


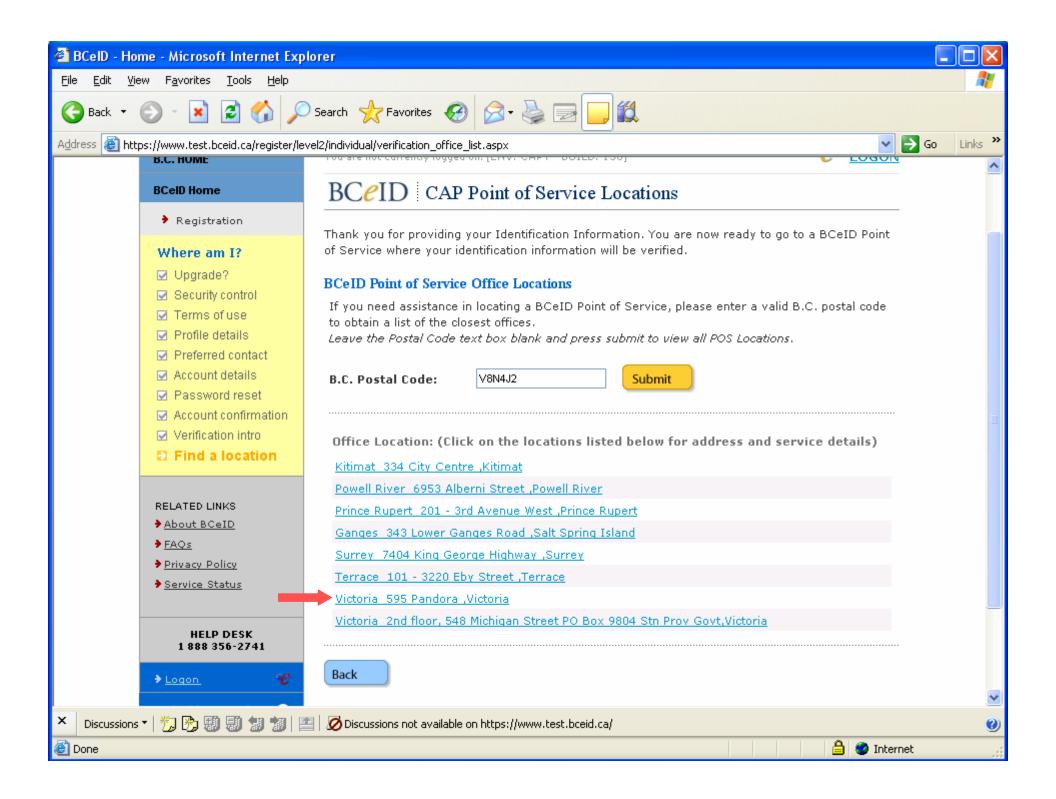


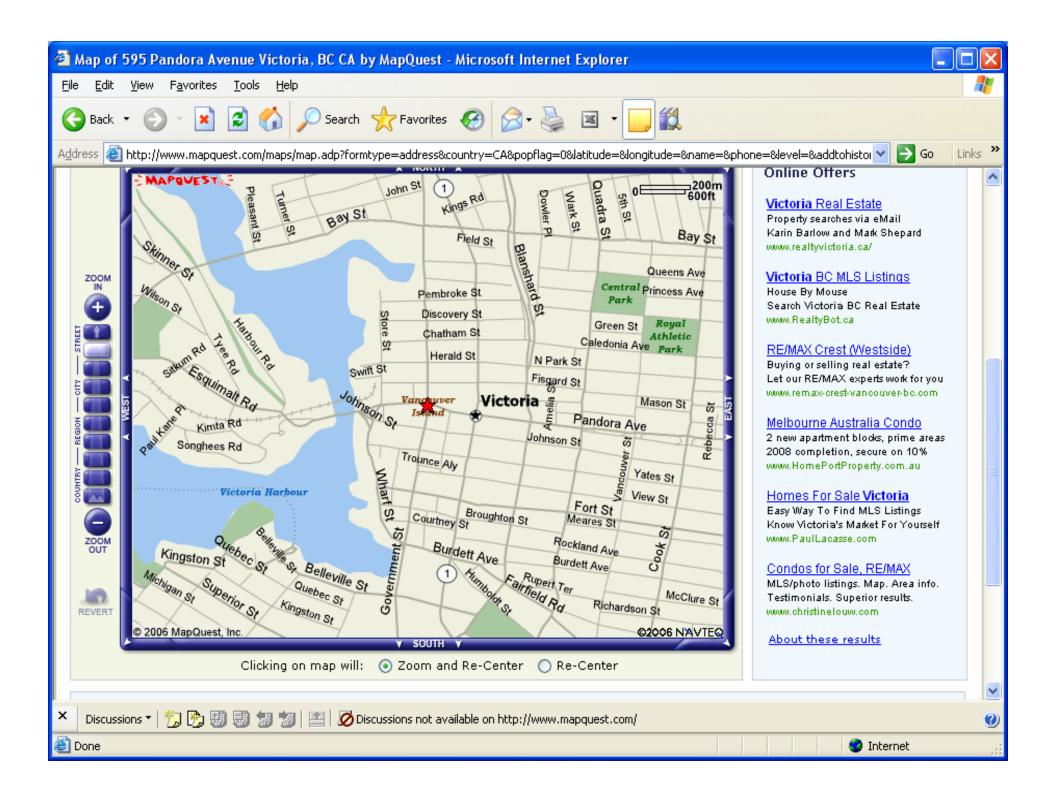










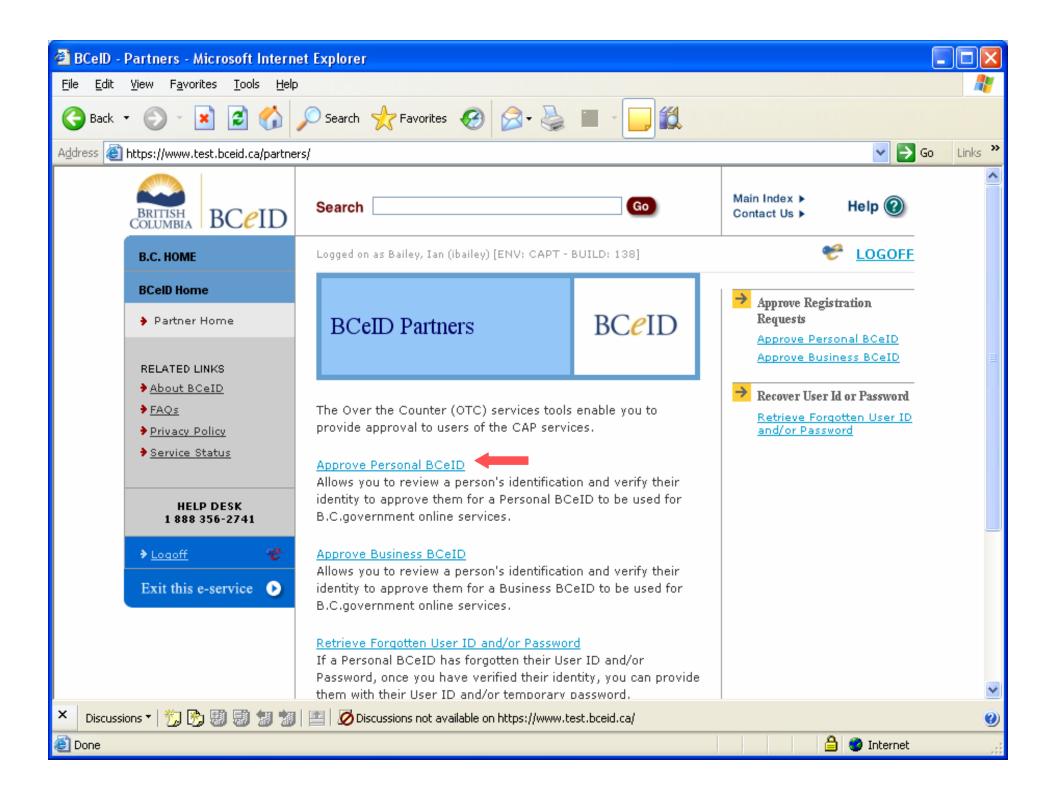


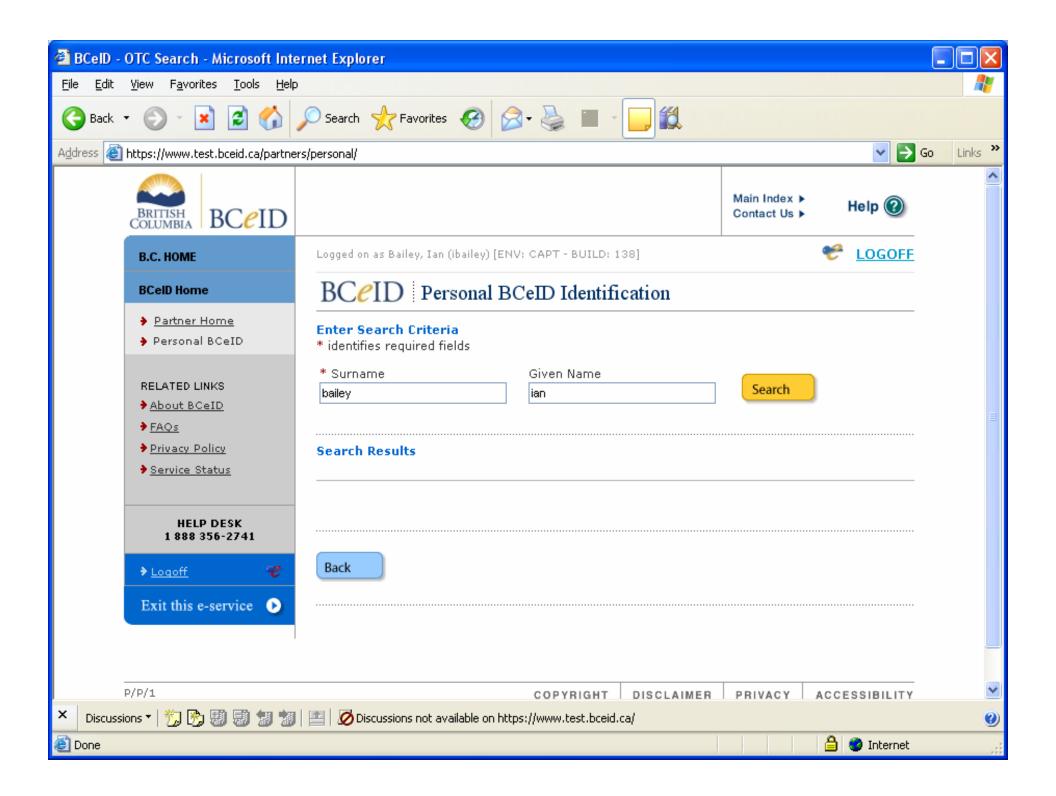


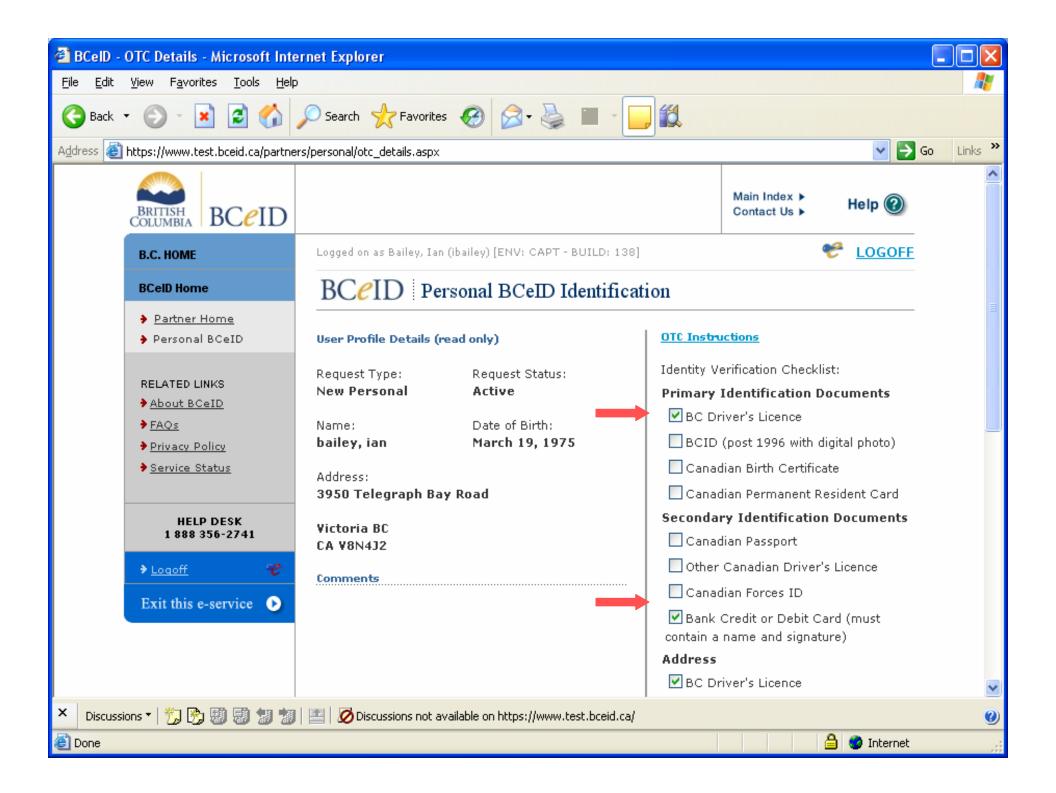


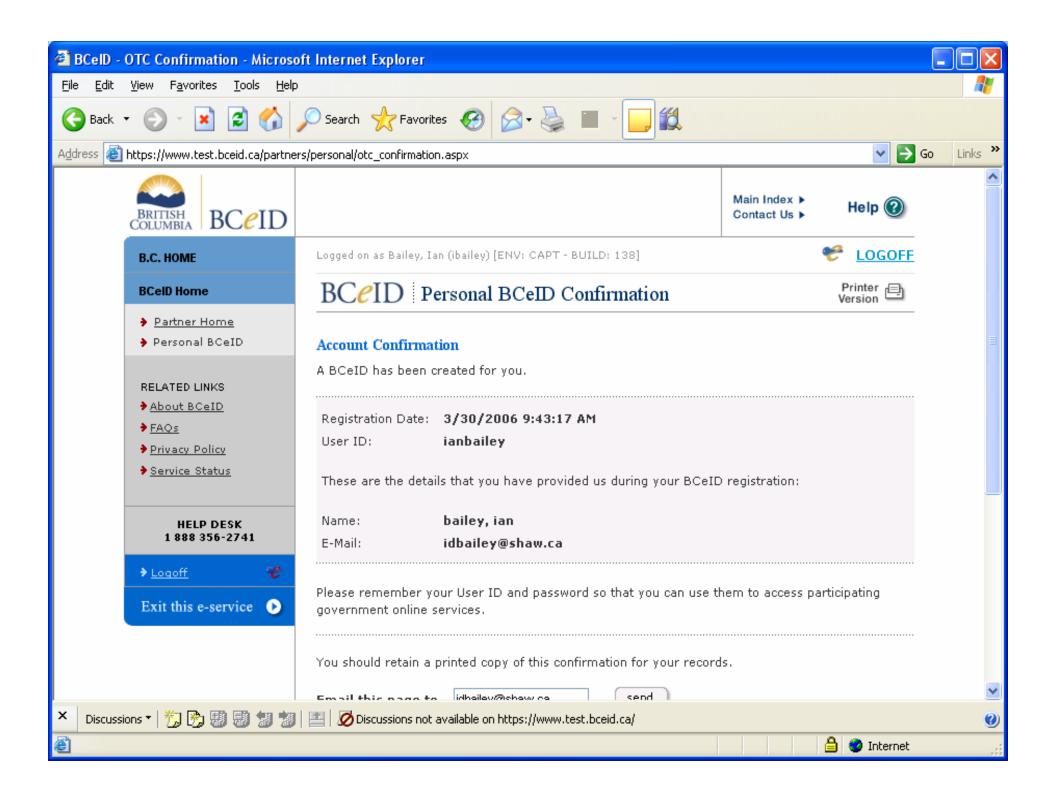
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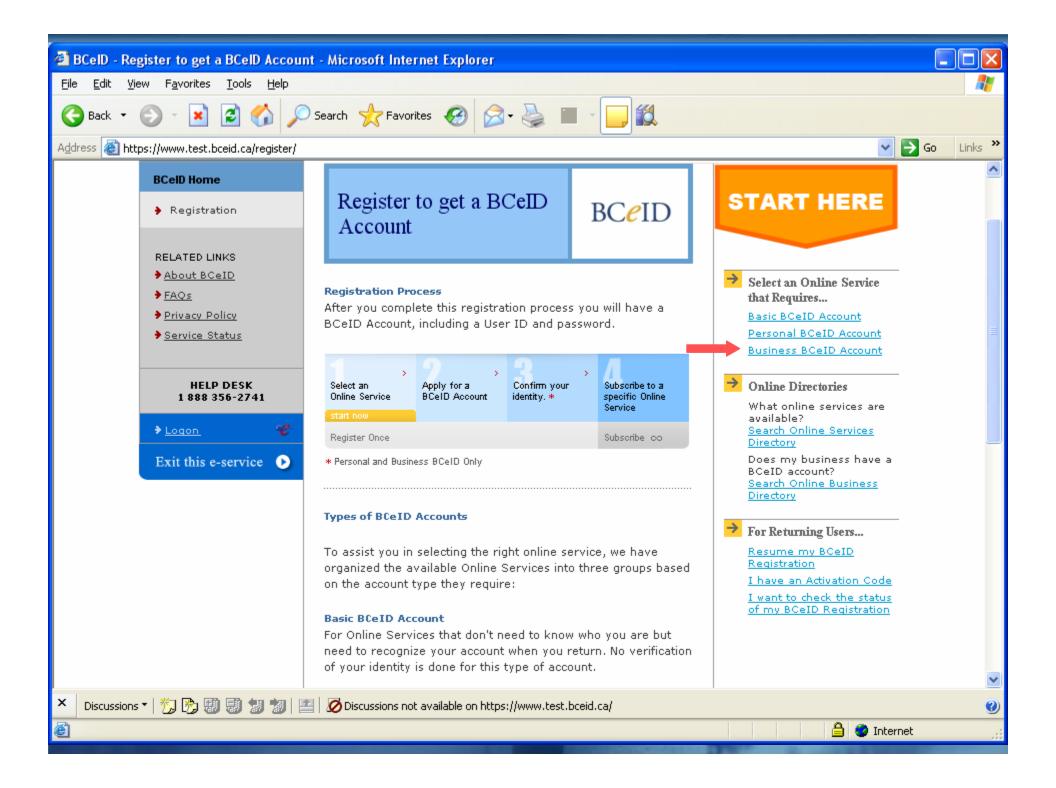


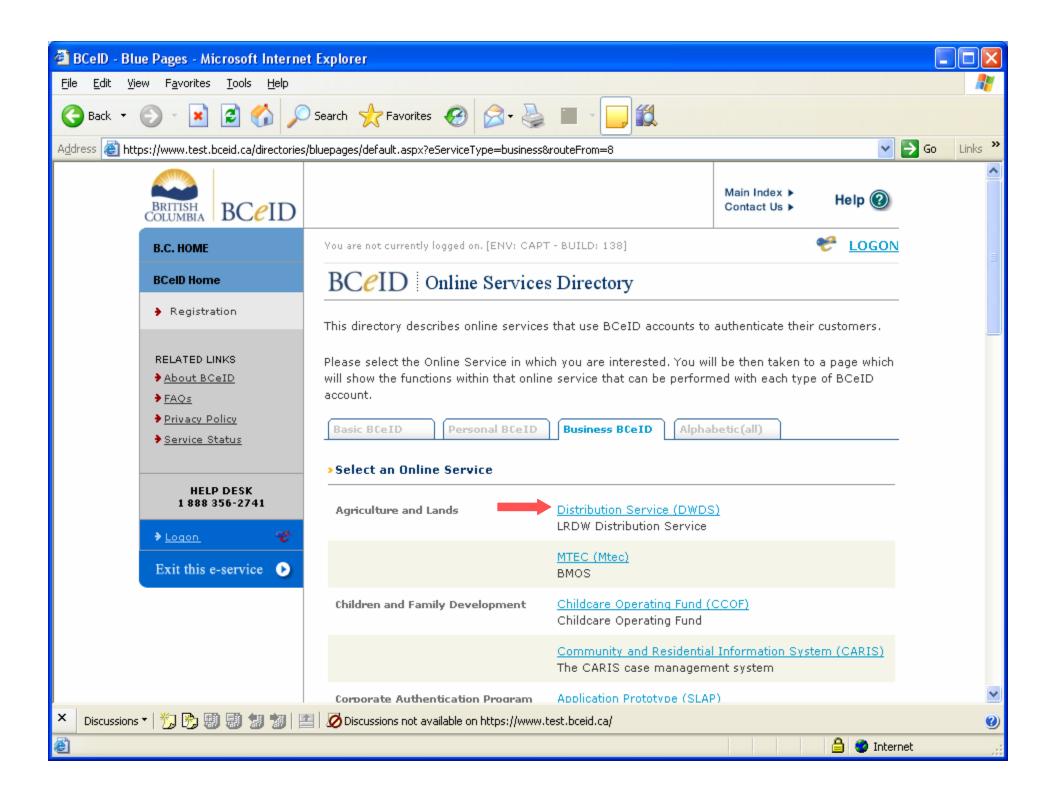


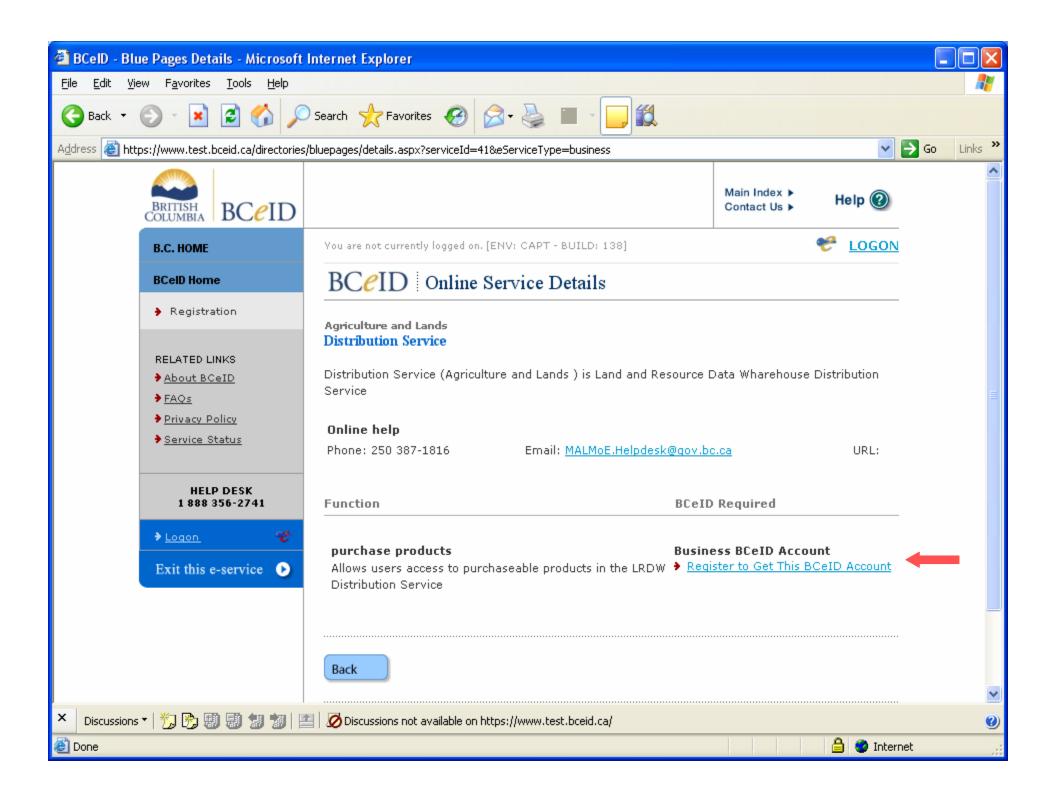
Business BCeID Registration walk-thru

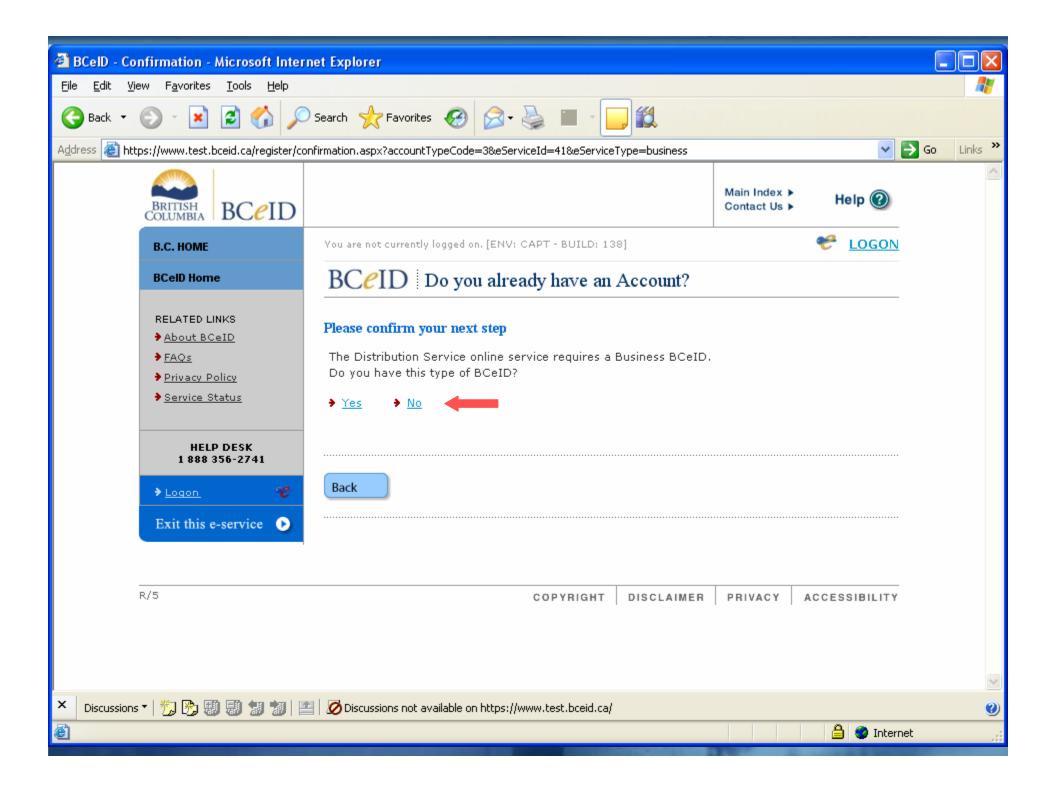
- Scenario as follows
 - User registers to represent their BC Corporation
 - Already has a Basic BCeID
 - Can complete registration online with Corporate Online secrets
 - Basic BCeID is upgraded to Business BCeID
 - User creates additional BCeIDs for other employees

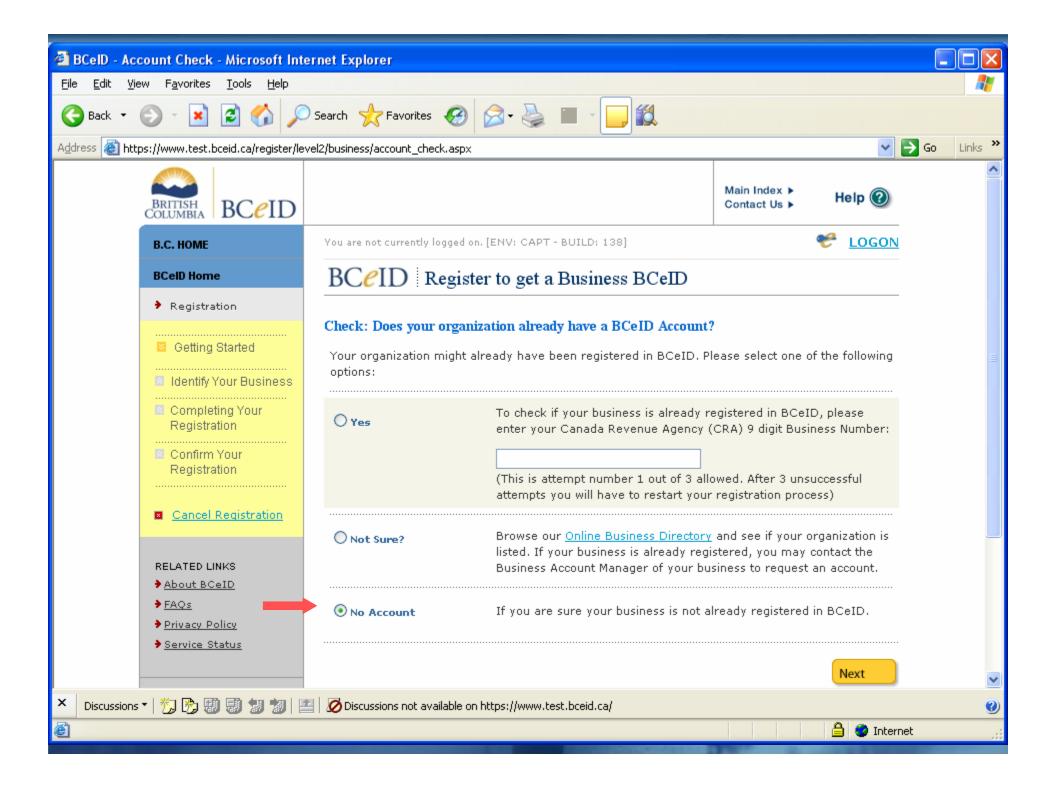


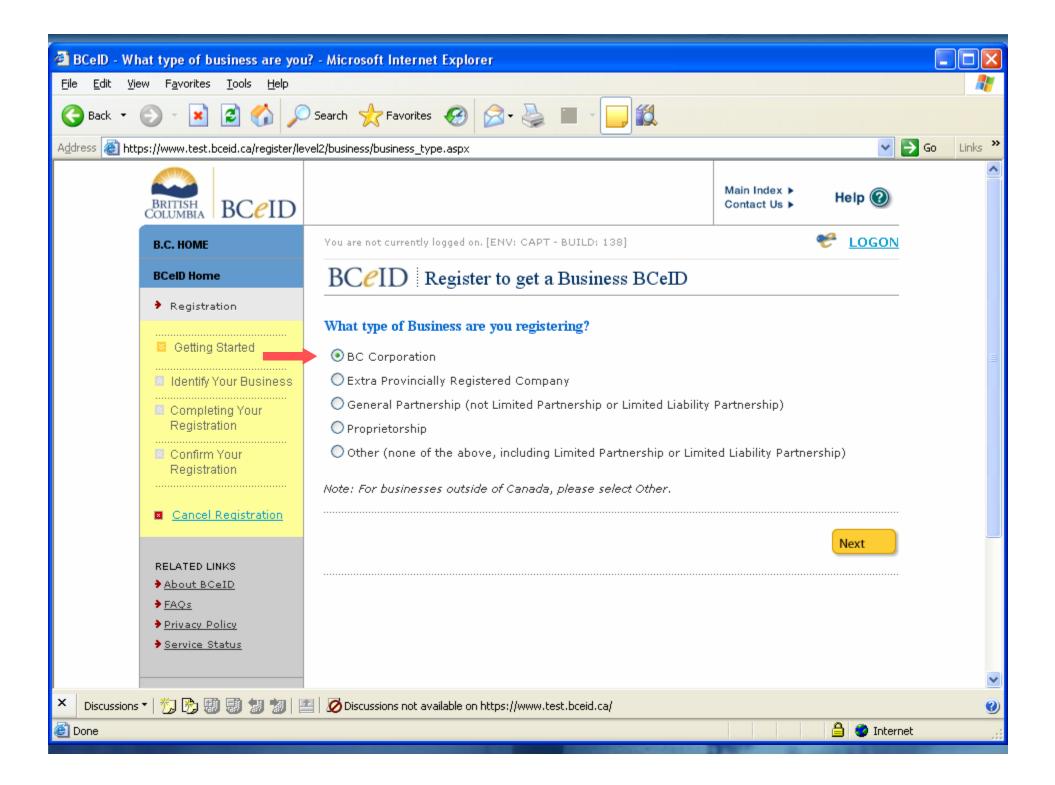


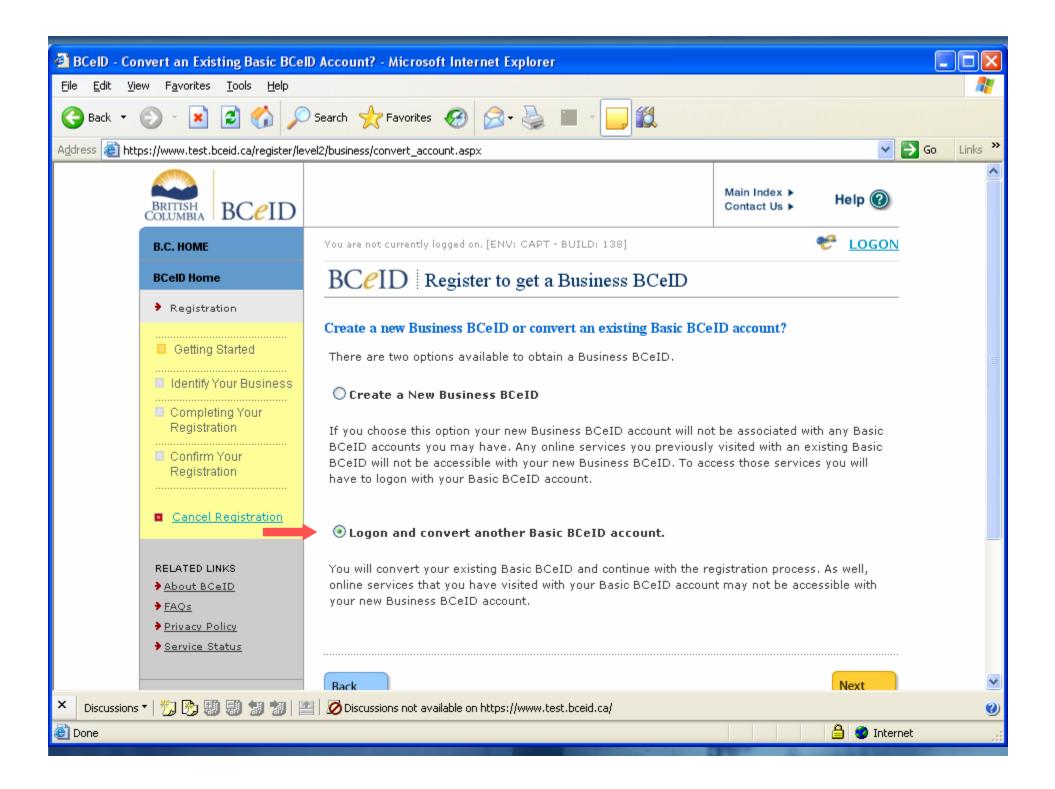


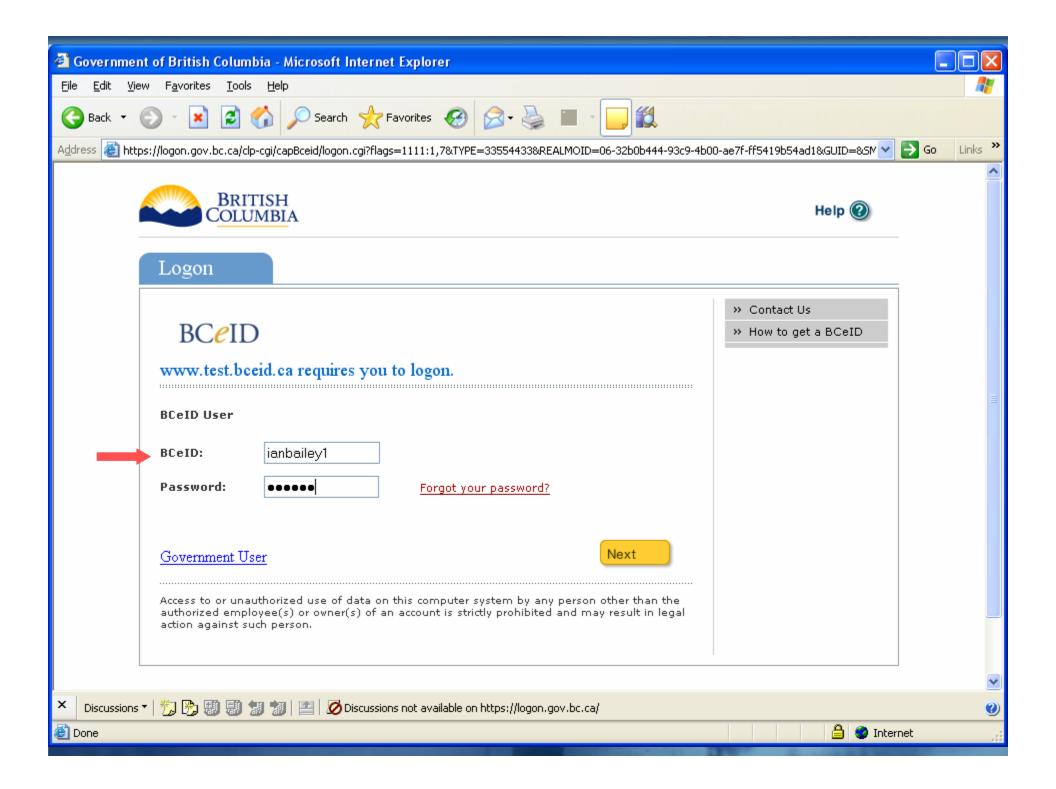


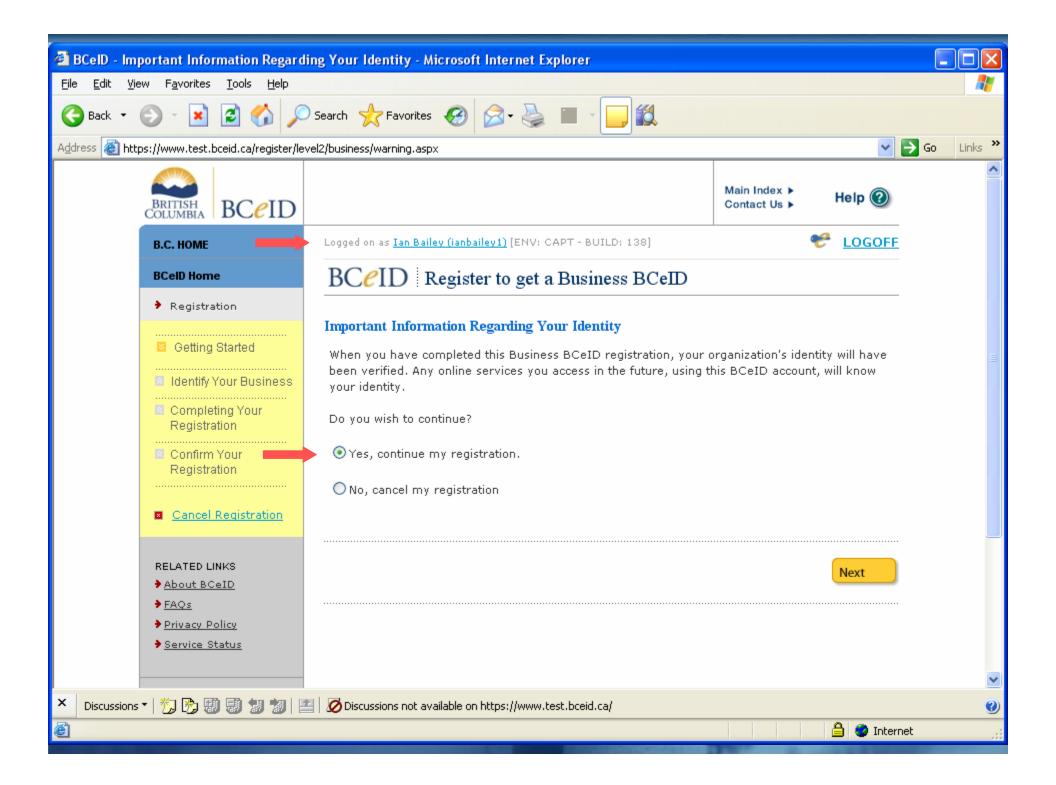


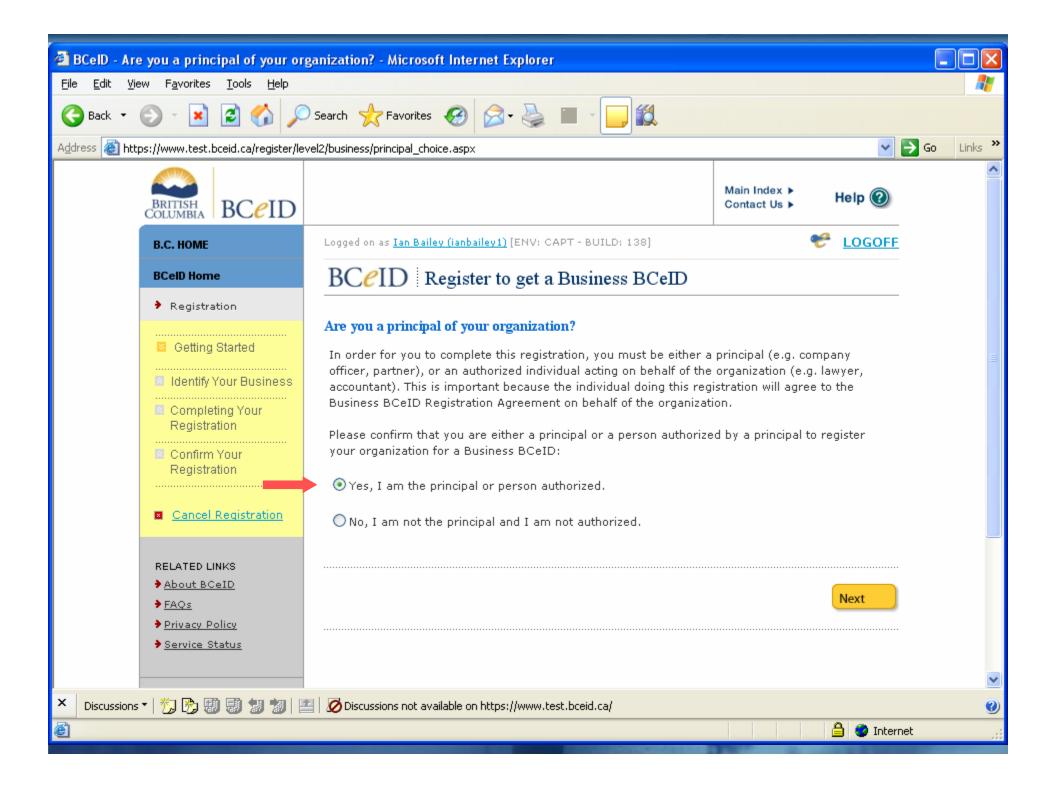


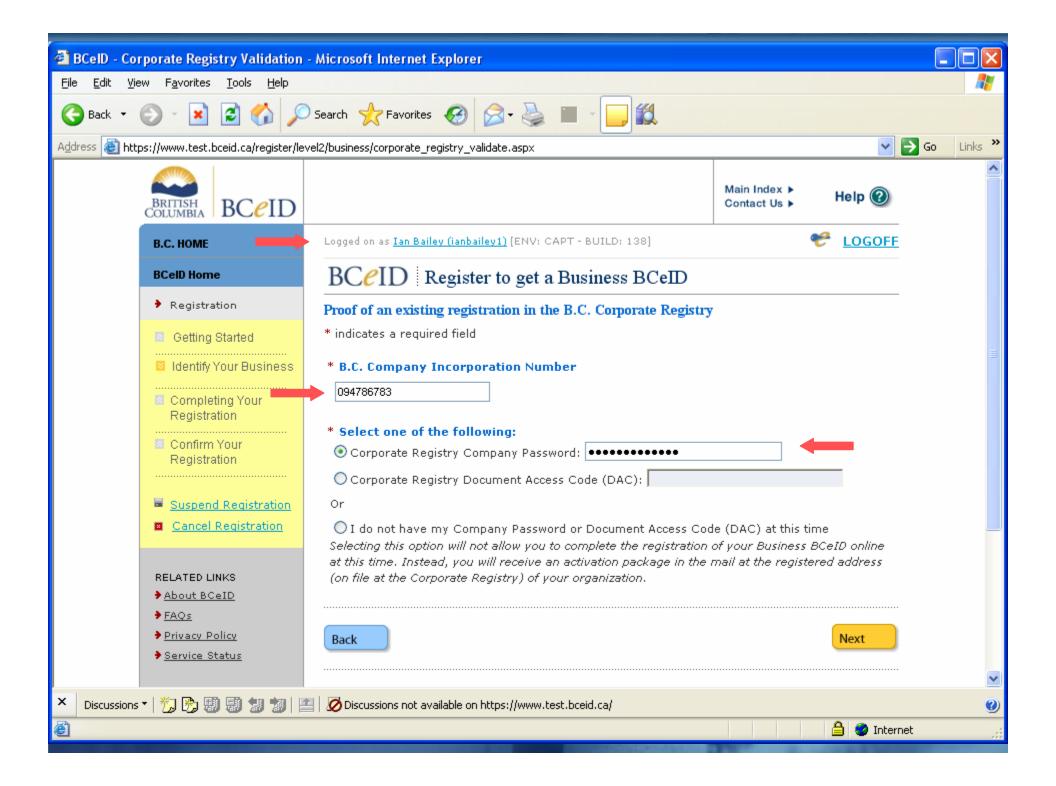


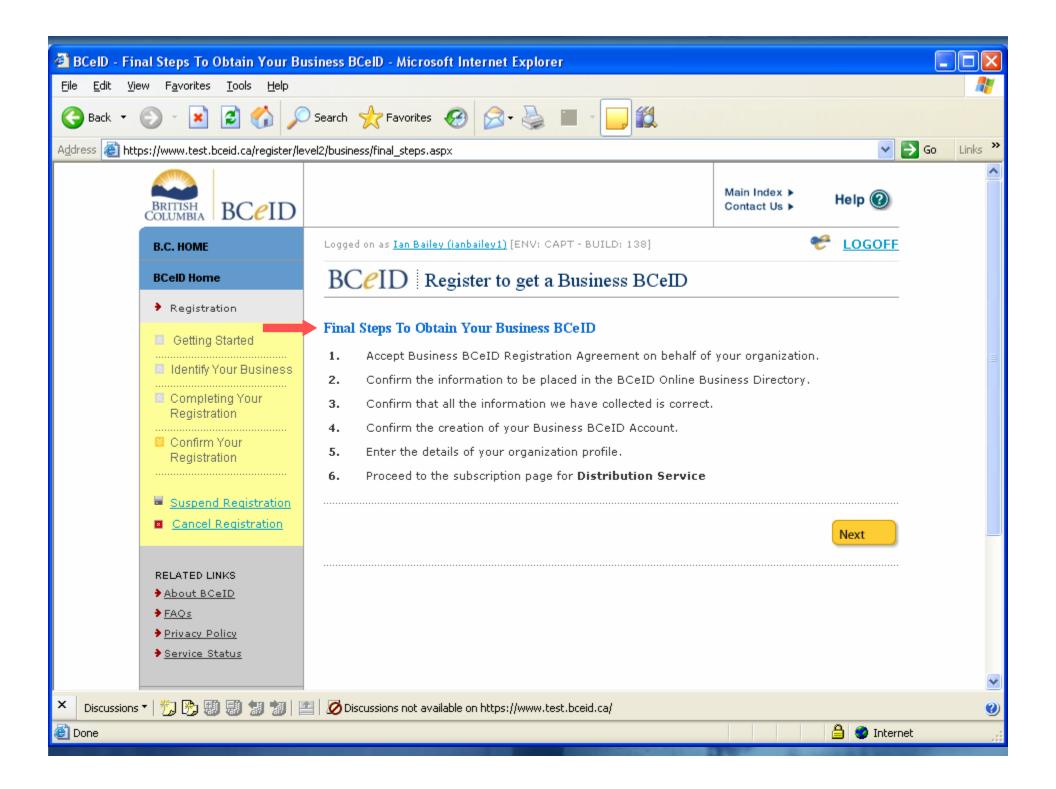


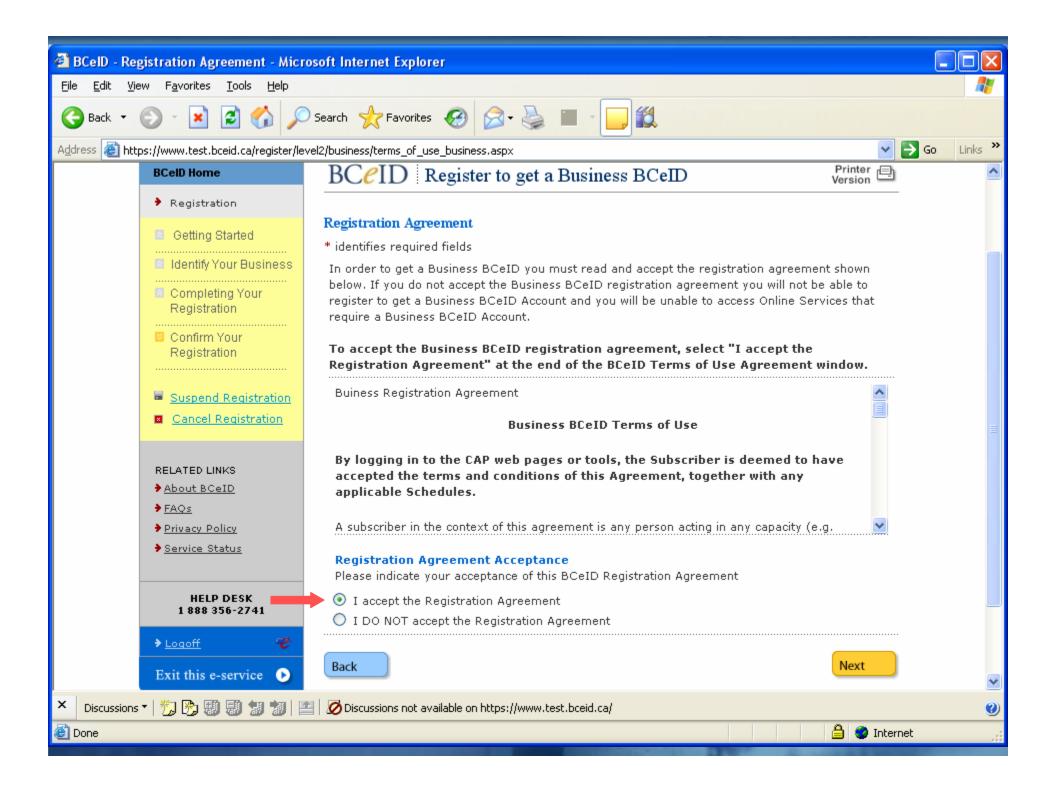


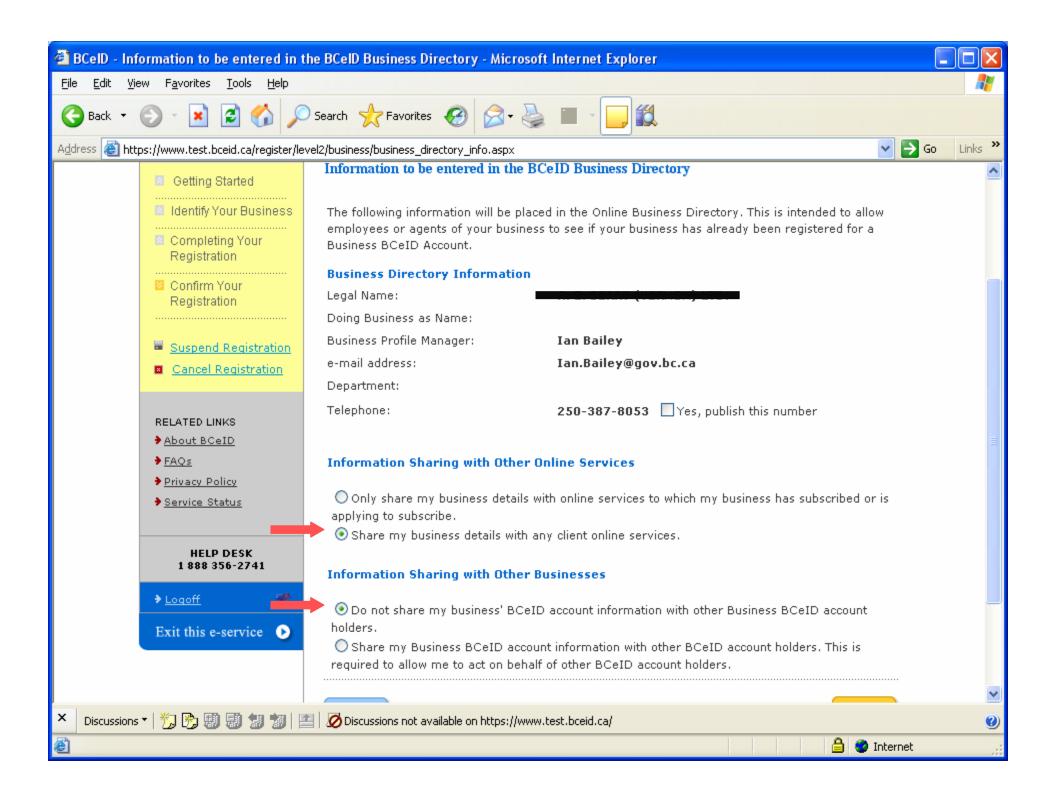


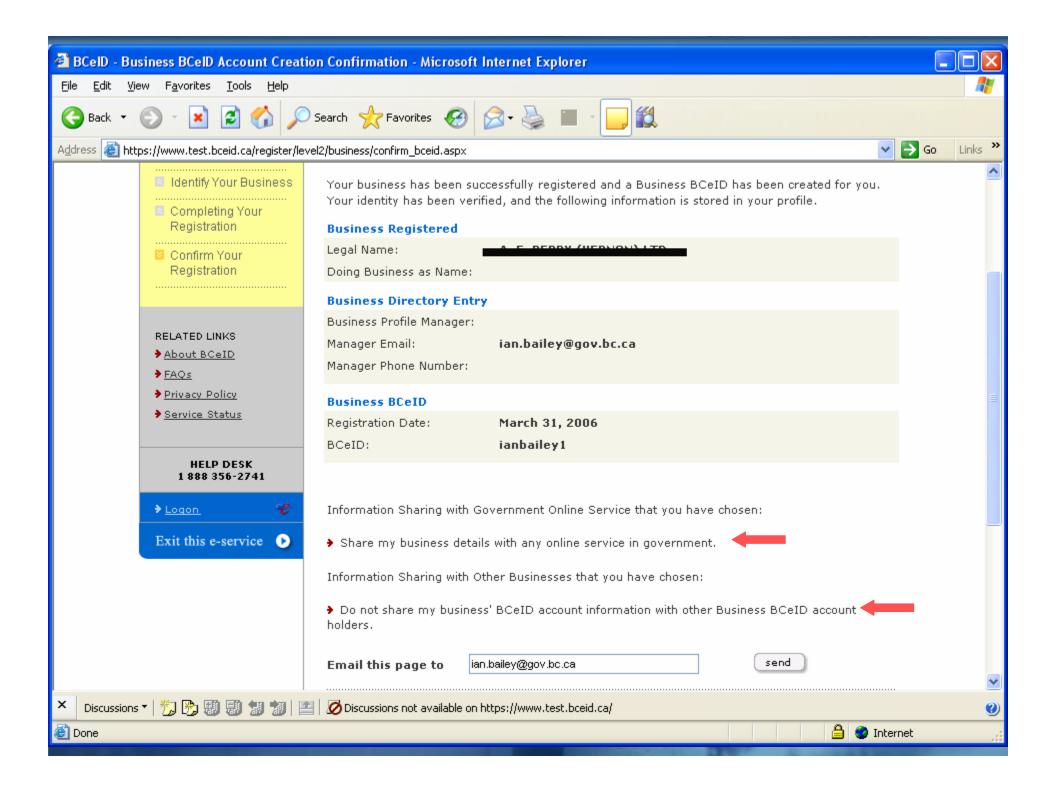












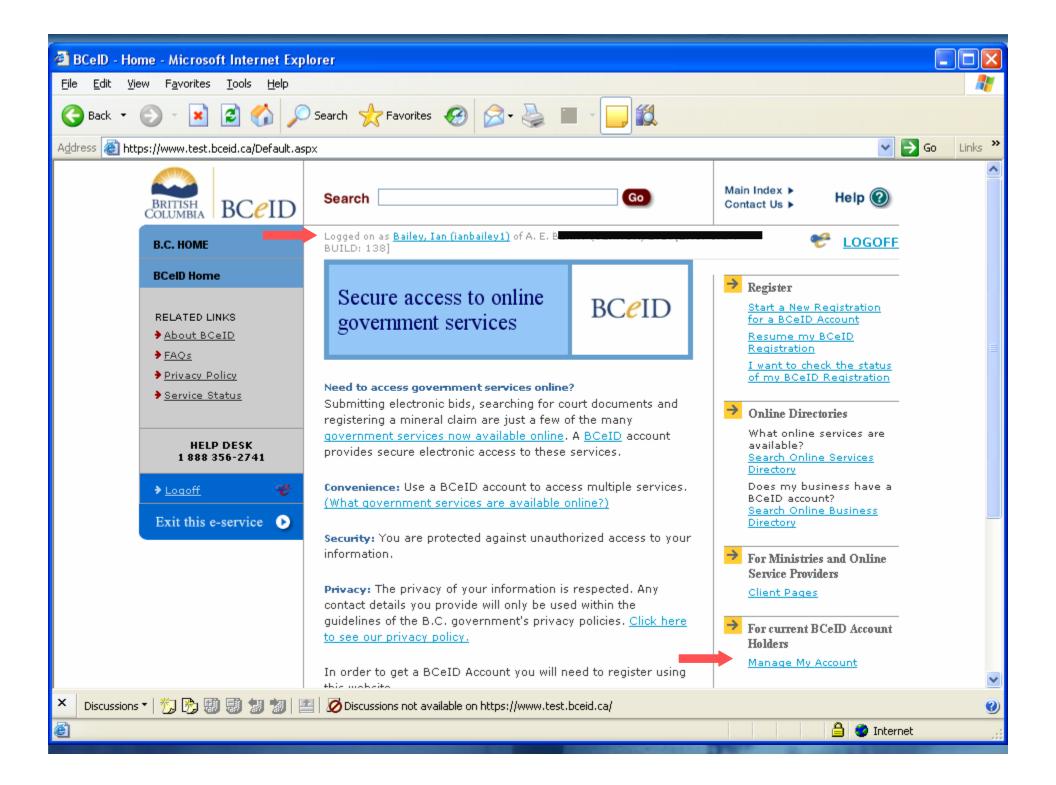


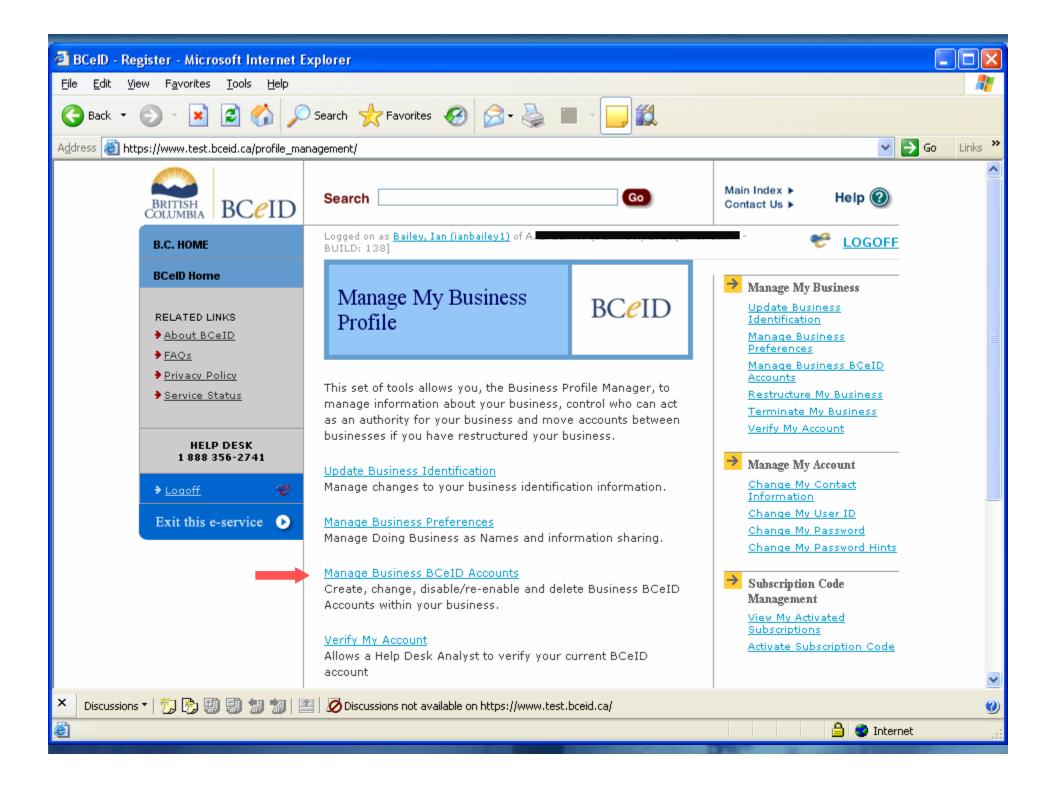


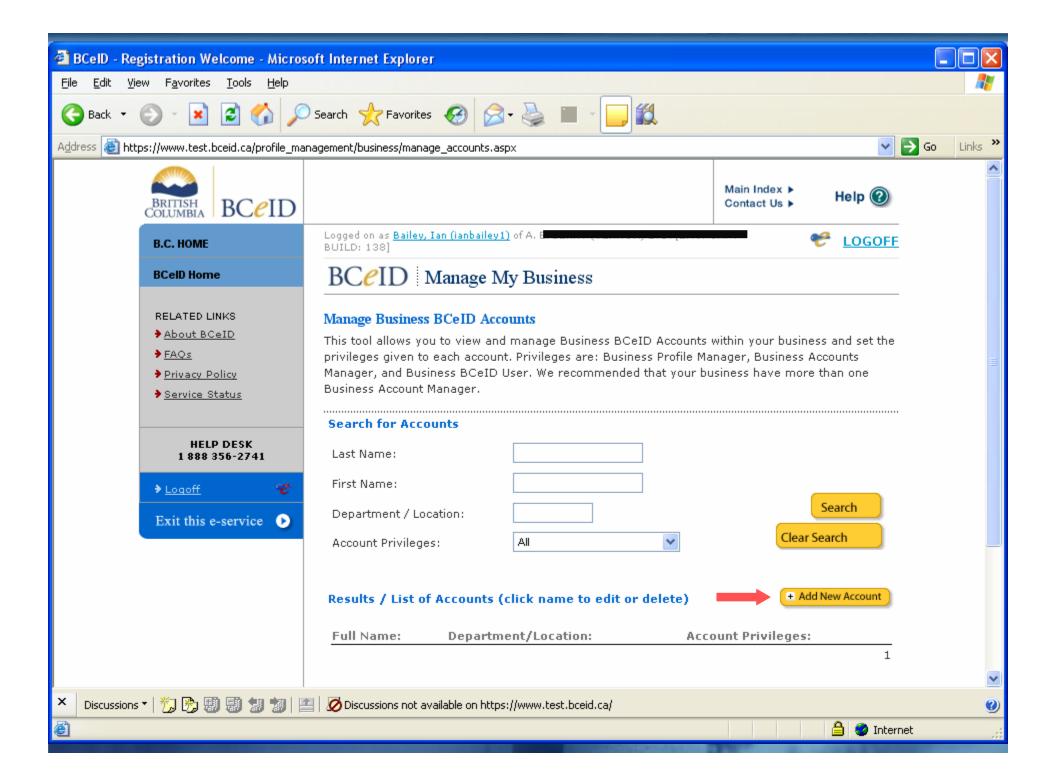
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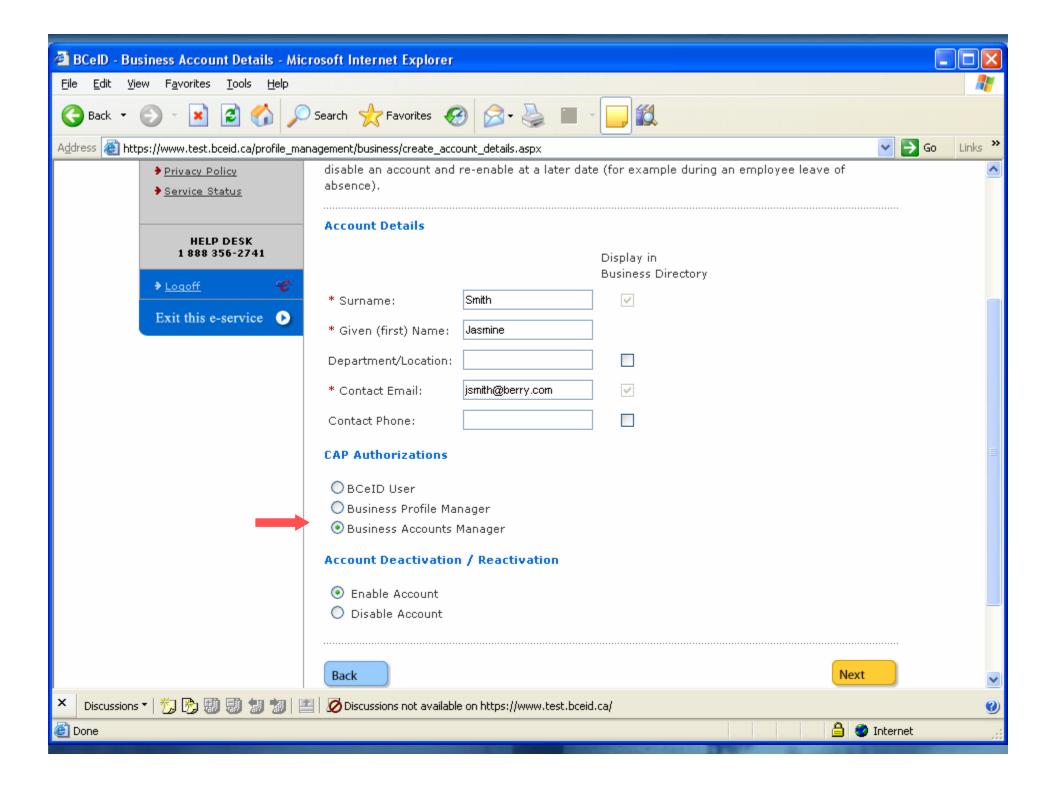
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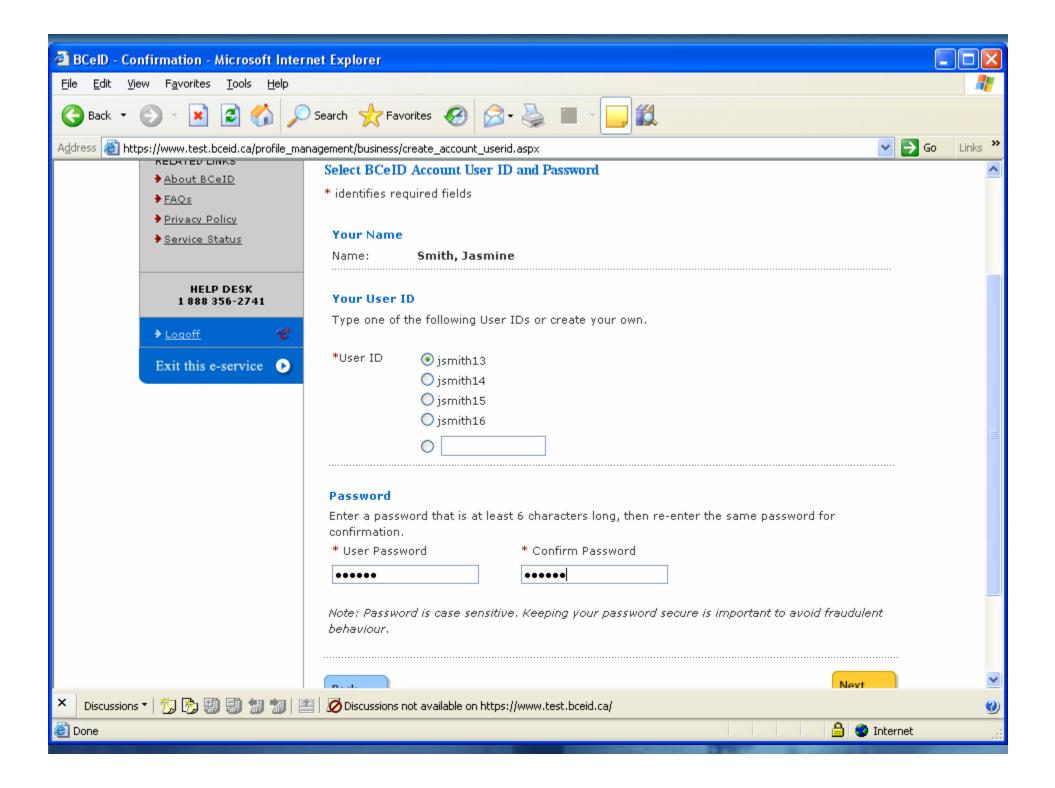


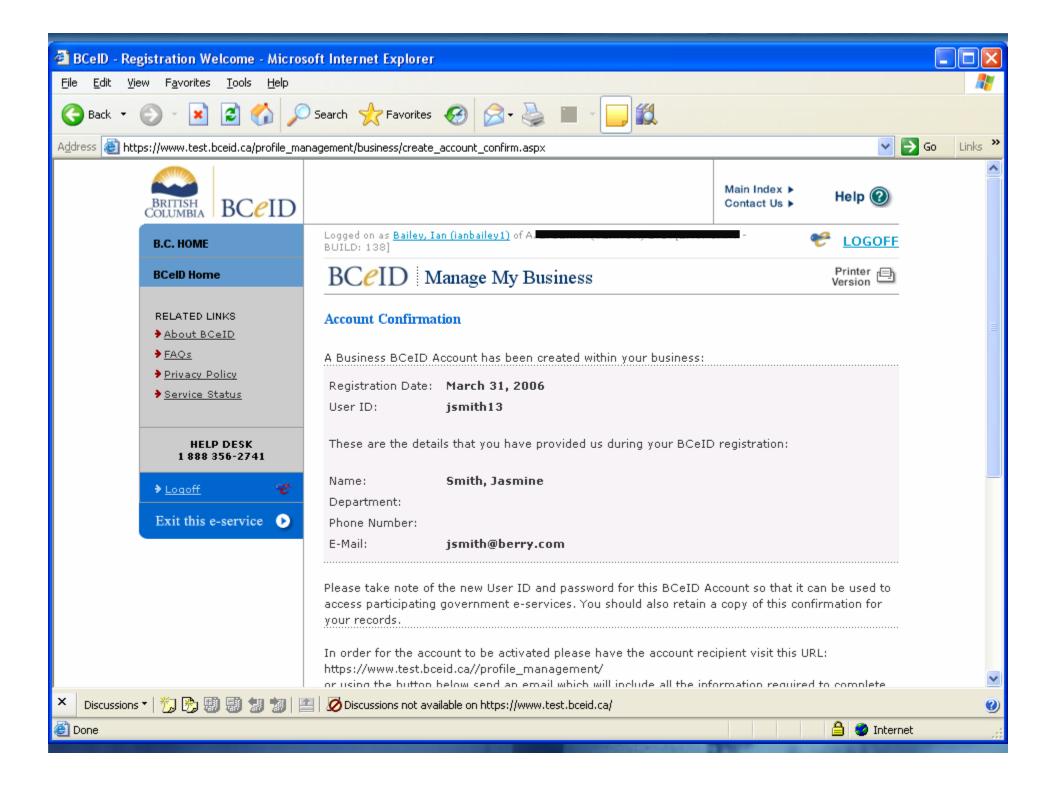


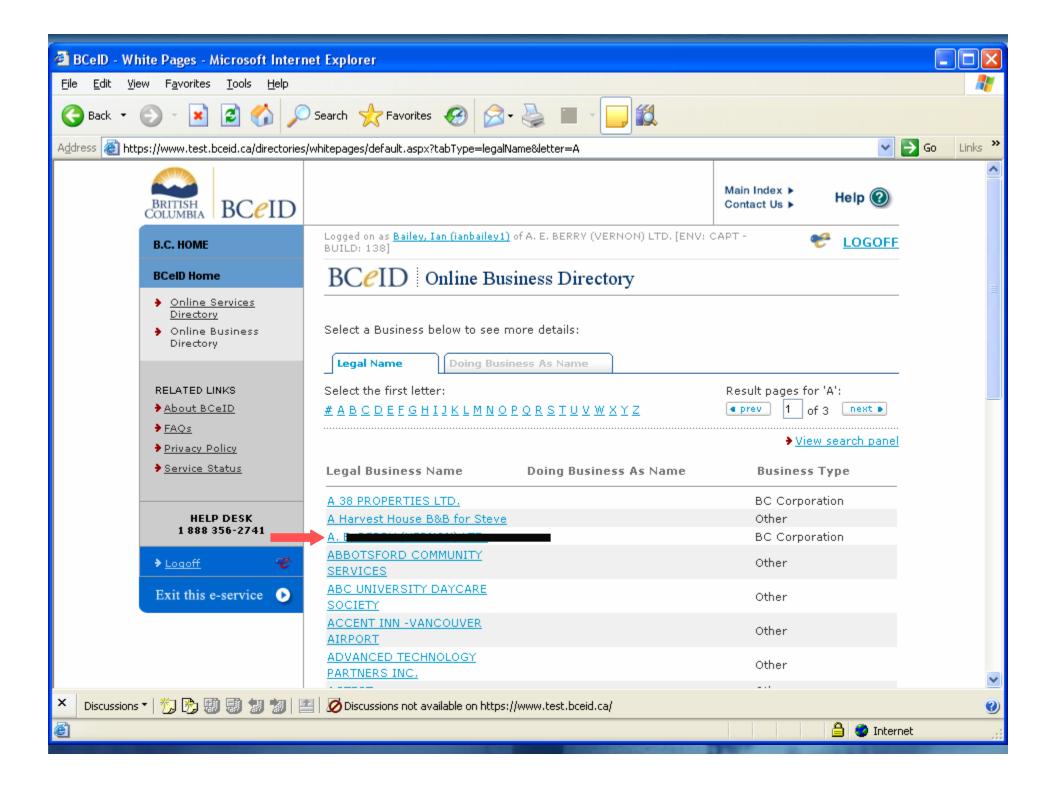


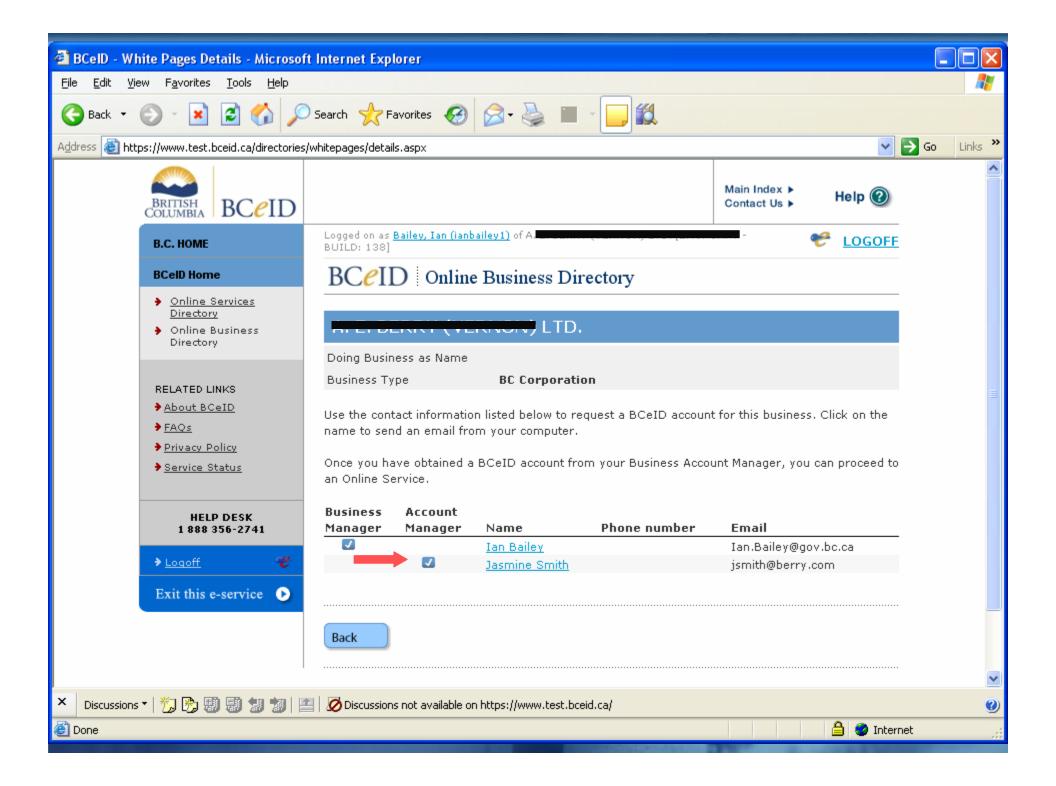
















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What's Next...



- Common authorization (tools, framework?)
 - Ministries are collaborating on a few common solutions
 - Privacy is an important consideration
- Authoritative sources for businesses and individuals
 - Law society, College of Surgeons & Physicians?
 - Vital statistics for Personal BCeID's
 - Rights management certification of professional status
- Federal Epass integration
 - 1.2 Million issued, complements our Identity solution



Challenges...

- Complexity of the user interface
 - Security and privacy concerns equates to a whole lot of screens – just for a username/pw.
- Internal IDIR vs. external BCeID?
 - What is internal and what is external...this is a fuzzy line with broader public sector
- One big BCeID directory?
 - Probably ok for mom & pop small businesses
 - Large corp's with sophisticated infrastructures don't need another username/pw (BCeID)

Questions?







Technical Architecture



