

From: [Graboski, Anne FIN:EX](#) on behalf of [Thyvold, Olav FIN:EX](#)
To: [Pritchard, Lorna FIN:EX](#); [Graboski, Anne FIN:EX](#); [Lise, Sarah FIN:EX](#); [Havelock, Iain FIN:EX](#)
Subject: FW: Understand Performance load Statistics

-----Original Appointment-----

From: Thyvold, Olav FIN:EX
Sent: August 19, 2019 2:29 PM
To: Thyvold, Olav FIN:EX; Graboski, Anne FIN:EX; Lise, Sarah FIN:EX; Havelock, Iain FIN:EX
Subject: Fw: Understand Performance load Statistics
When: September 26, 2018 1:30 PM-2:00 PM (UTC-08:00) Pacific Time (US & Canada).
Where: Olav's office

From: Thyvold, Olav FIN:EX
Sent: Tuesday, September 25, 2018 2:12 PM
To: Lise, Sarah FIN:EX; Havelock, Iain FIN:EX
Subject: Understand Performance load Statistics
When: Wednesday, September 26, 2018 1:30 PM-2:00 PM.
Where: Olav's office

Purpose of this meeting is to understand the current performance stats

Current load test is being performed with no variation in duration or start time for a session. So:

- * they all start together.
- * Every field is filled at the same time.
- * The form completes at the same time
- * 10000 current events is the same thing as concurrent sessions

But that isn't realistic behaviour. Some people take a longer time than others to complete the form and people start at different times. So there is a lot of dead time during a session. I want to understand the following:

- * What is an "event" from a performance load test? Is it a page navigation? Is it a control getting focus? A control losing focus? A validation rule being triggered? All of these things?
- * 10,000 current events – in what period of time? Per second? What is the average duration of an event?
- * Depending on the definition of an event, how many are there in the simple flow for a declaration? I'm trying to understand the density of events for a declaration. This will help understand how much "free time" there is for a declaration and how many declarations can fit into those spaces.

At the end of the day I'm trying to understand how many people can be filling out a declaration at any one time. Is there anything from the TESP or the PST registration that can help us with this?

Parker Hall, Matthew W FIN:EX

From: Graboski, Anne FIN:EX
Sent: August 19, 2019 2:30 PM
To: Pritchard, Lorna FIN:EX
Cc: Graboski, Anne FIN:EX
Subject: FW: Stats to gather on etax declarations

From: Thyvold, Olav FIN:EX
Sent: August 19, 2019 2:29 PM
To: Graboski, Anne FIN:EX <Anne.Graboski@gov.bc.ca>
Subject: Fw: Stats to gather on etax declarations

From: Thyvold, Olav FIN:EX
Sent: Tuesday, September 25, 2018 2:42 PM
To: Lise, Sarah FIN:EX; Lam, Louise FIN:EX; Havelock, Iain FIN:EX
Subject: Re: Stats to gather on etax declarations

One more

- count of completed declarations by completion time. Horizontal axis is seconds. Looking to understand the distribution

From: Thyvold, Olav FIN:EX
Sent: Tuesday, September 25, 2018 2:32 PM
To: Lise, Sarah FIN:EX; Lam, Louise FIN:EX; Havelock, Iain FIN:EX
Subject: Stats to gather on etax declarations

The following are some thoughts about what to report on Some are more based on the declaration form itself, some are based on the data.

Stats to gather and report on for Declarations

- # Letters mailed: total and by jurisdiction
- # declarations completed by jurisdiction
- Average length of time between letter mailing and declaration completed
 - All jurisdictions and by jurisdiction
- Average length of time for a declaration to be completed
- Average length of time per step
- # of abandoned sessions
- Count of abandoned sessions by step
- Count of declaration exemption, not exempt status declarations
- Count of Exempt, not exempt
 - Total
 - by Jurisdiction
- Count of exemptions applied for by type
 - Total
 - by Jurisdiction
- count of BC resident, non BC resident, Un-taxed income owner
 - Total
 - by jurisdiction
- Count of exemption type
 - total
 - by jurisdiction

Performance metrics

- # of declarations by hour, day,
- Server load – need to define what cycle this should be reported on – Iain looking for guidance here
- Snapshot - # of concurrent sessions at any time.