

# Cross-run-ID Comparison Report

(differences in bold)

MHZ\_PER\_CPU:

**Zu60n: 2295**

**aUZF6: 3492**

HELICS\_VERSION:

Zu60n: 2.3.1

aUZF6: 2.3.1

GENERATOR:

**Zu60n: Visual Studio 16 2019**

**aUZF6: Visual Studio 15 2017**

SYSTEM:

Zu60n: Windows

aUZF6: Windows

SYSTEM\_VERSION:

**Zu60n: 10.0.17763**

**aUZF6: 10.0.16299**

PLATFORM:

Zu60n: x64

aUZF6: x64

CXX\_COMPILER:

Zu60n: MSVC

aUZF6: MSVC

CXX\_COMPILER\_VERSION:

**Zu60n: 19.23.28106.4**

**aUZF6: 19.12.25835.0**

BUILD\_FLAGS\_STRING:

Zu60n: /DWIN32 /D\_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64 /EHsc;/std:c++14

aUZF6: /DWIN32 /D\_WINDOWS /W3 /GR /EHsc /MD /O2 /Ob2 /DNDEBUG /machine:x64 /EHsc;/std:c++14

HOST\_NAME:

**Zu60n: HERSCHEL**

**aUZF6: STEADMAN**

HOST\_PROCESSOR:

Zu60n: AMD64

aUZF6: AMD64

NUM\_CPUS:

Zu60n: 8

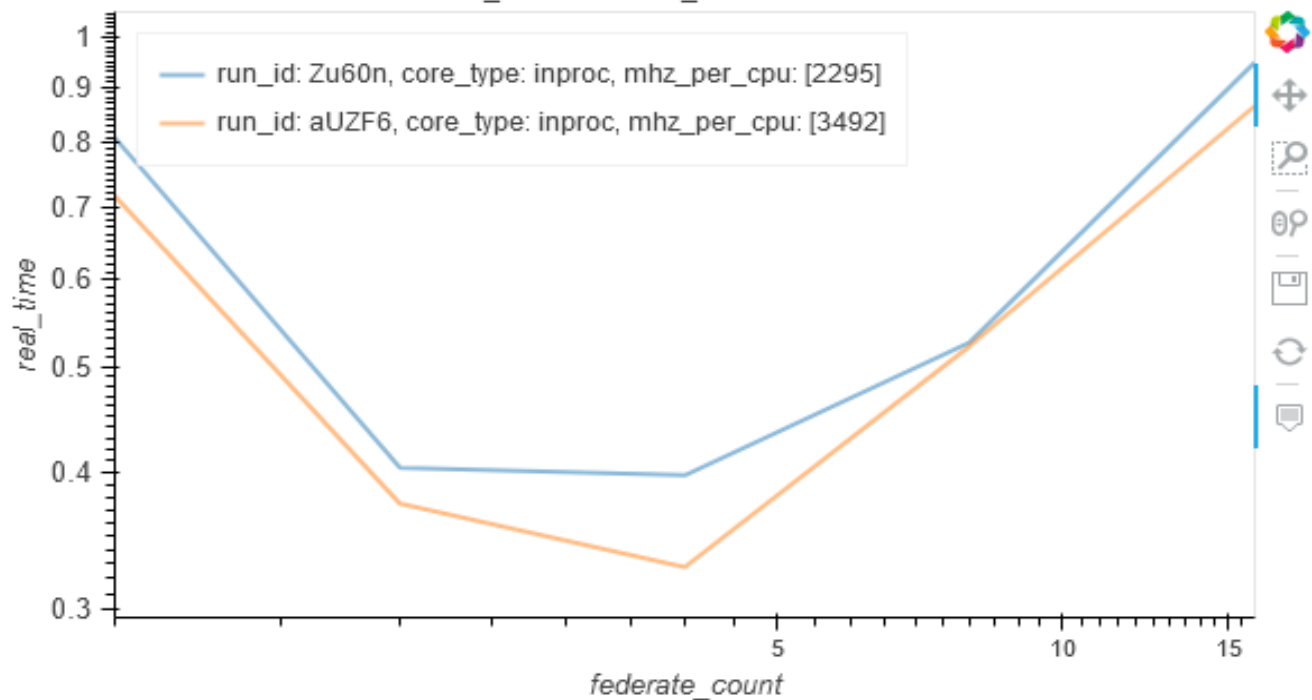
aUZF6: 8

DATE:

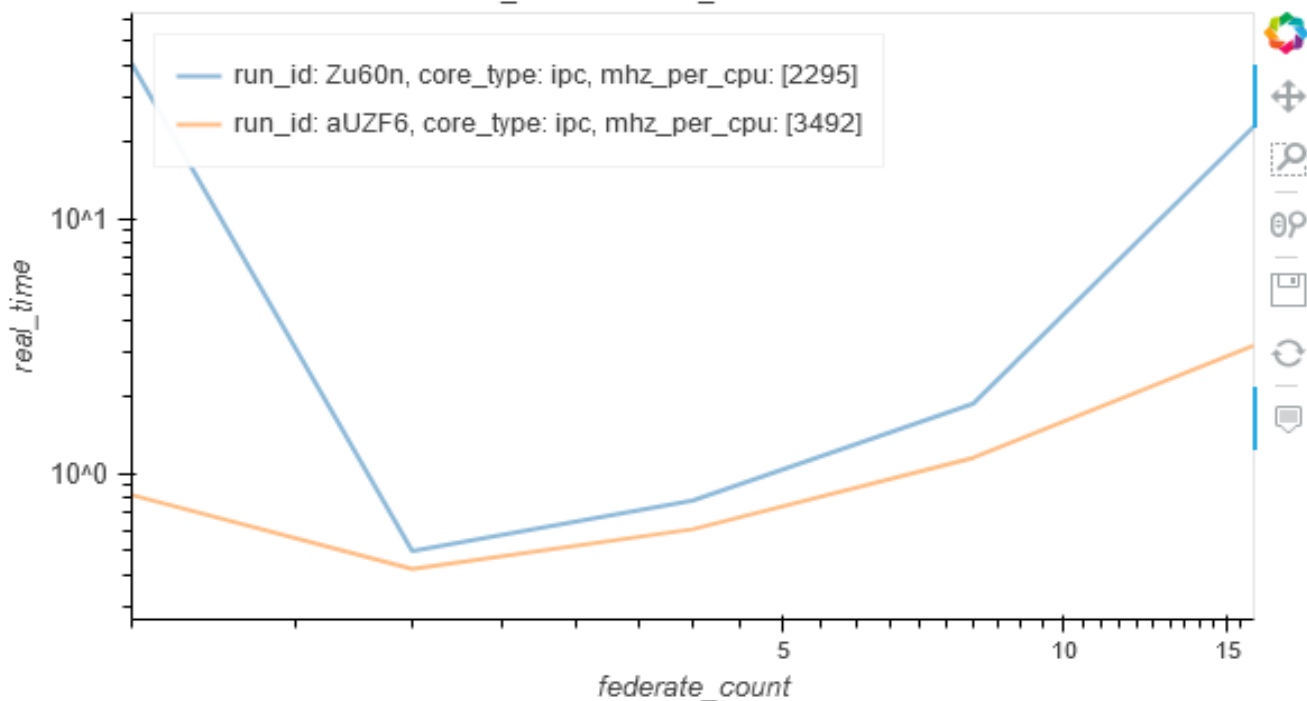
Zu60n: 12/02/19 10:36:33

aUZF6: 12/02/19 15:33:17

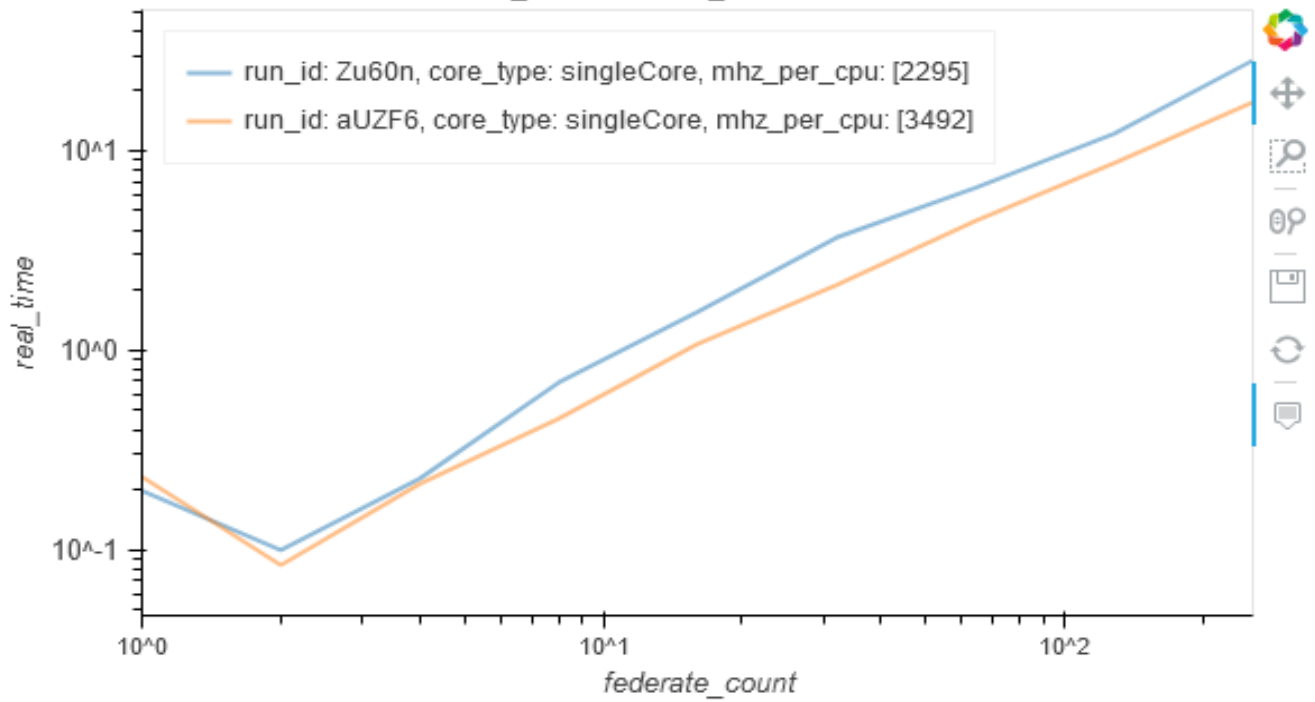
echoBenchmark: federate\_count vs real\_time



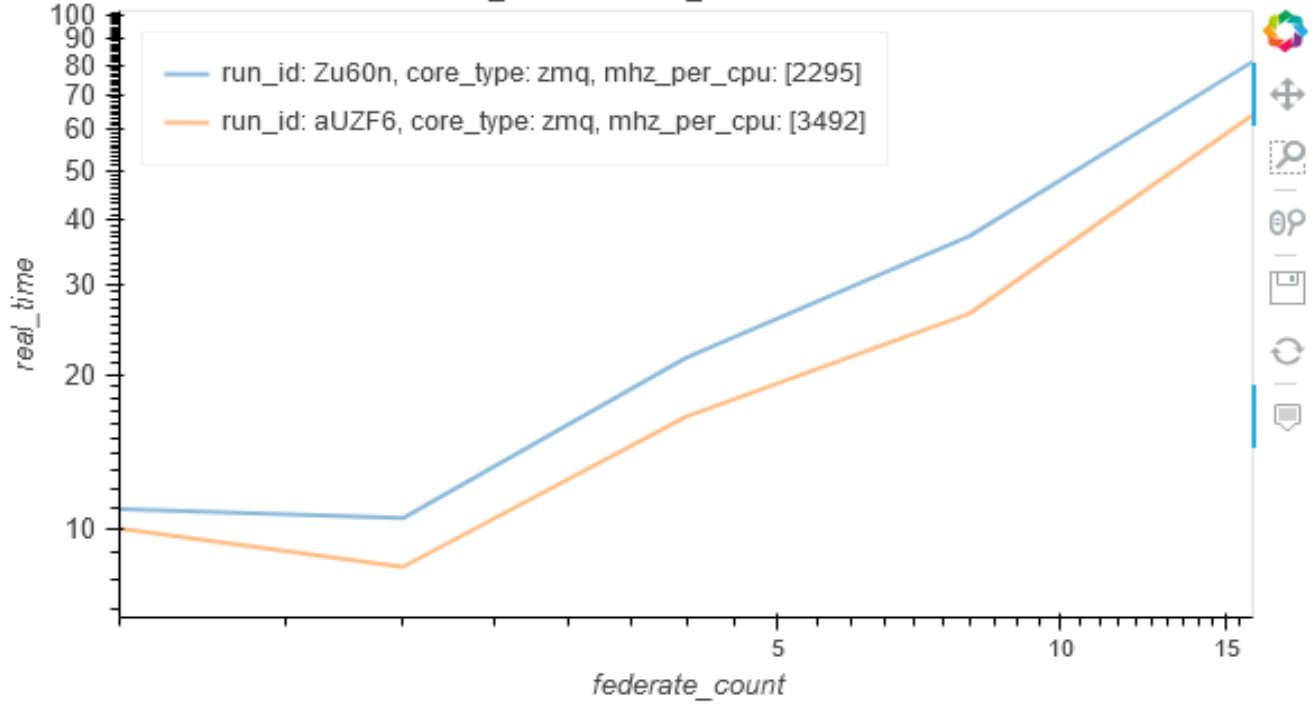
echoBenchmark: federate\_count vs real\_time



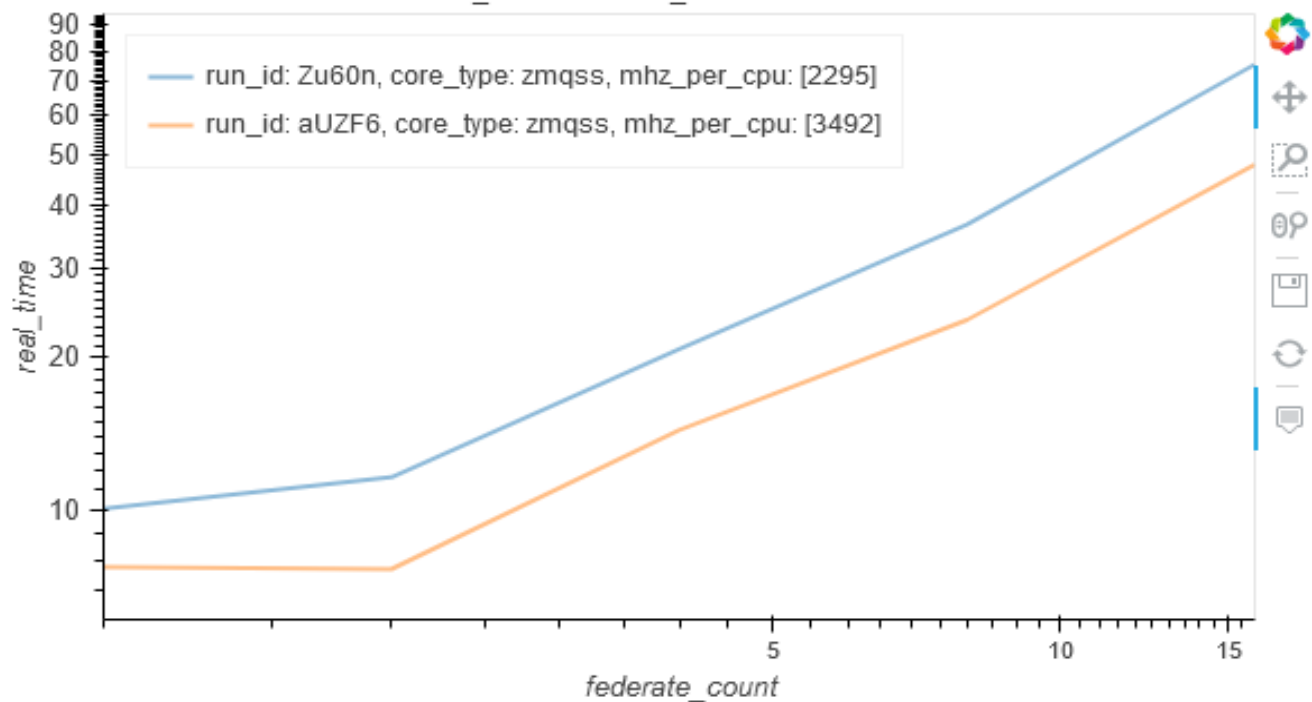
echoBenchmark: federate\_count vs real\_time



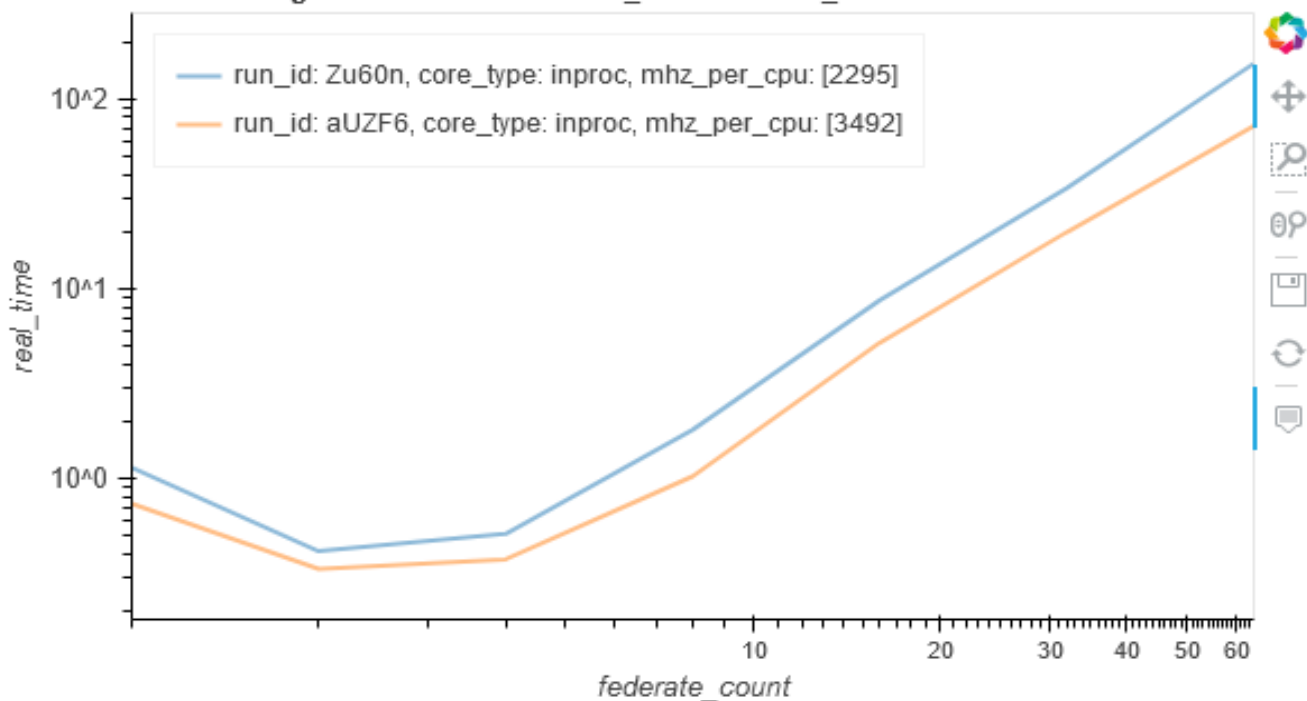
echoBenchmark: federate\_count vs real\_time



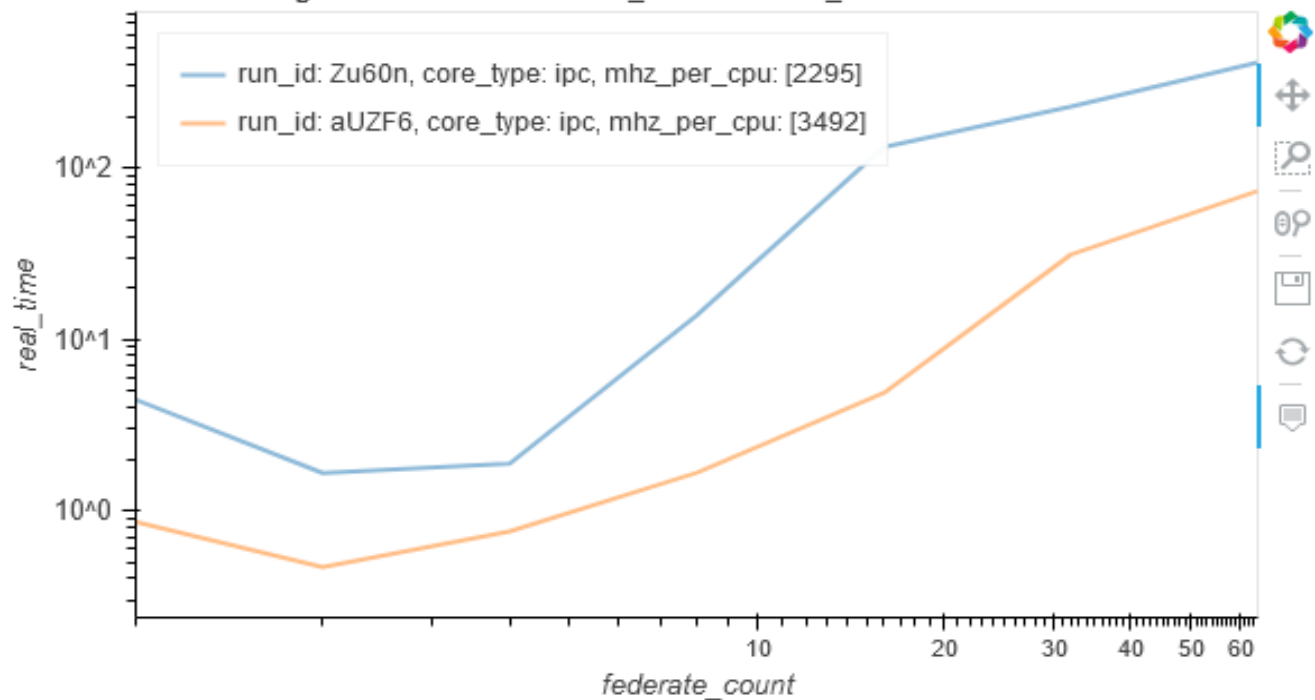
echoBenchmark: federate\_count vs real\_time



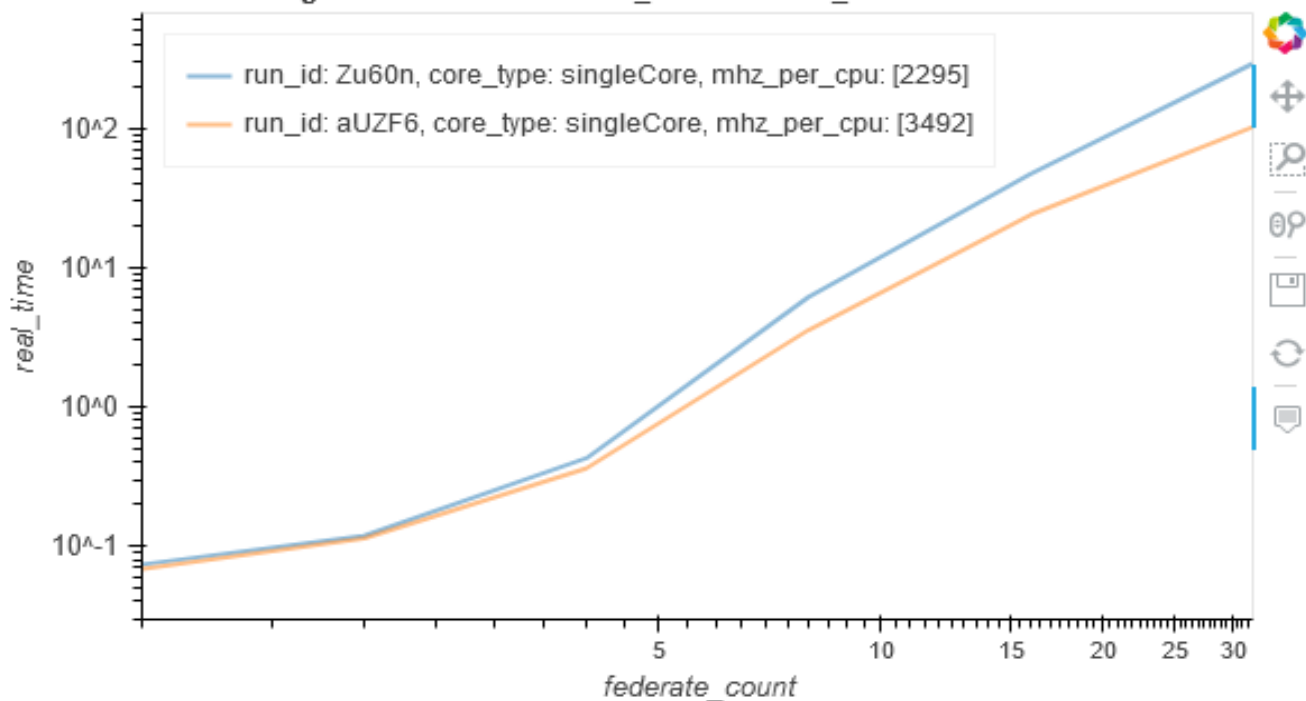
echoMessageBenchmark: federate\_count vs real\_time



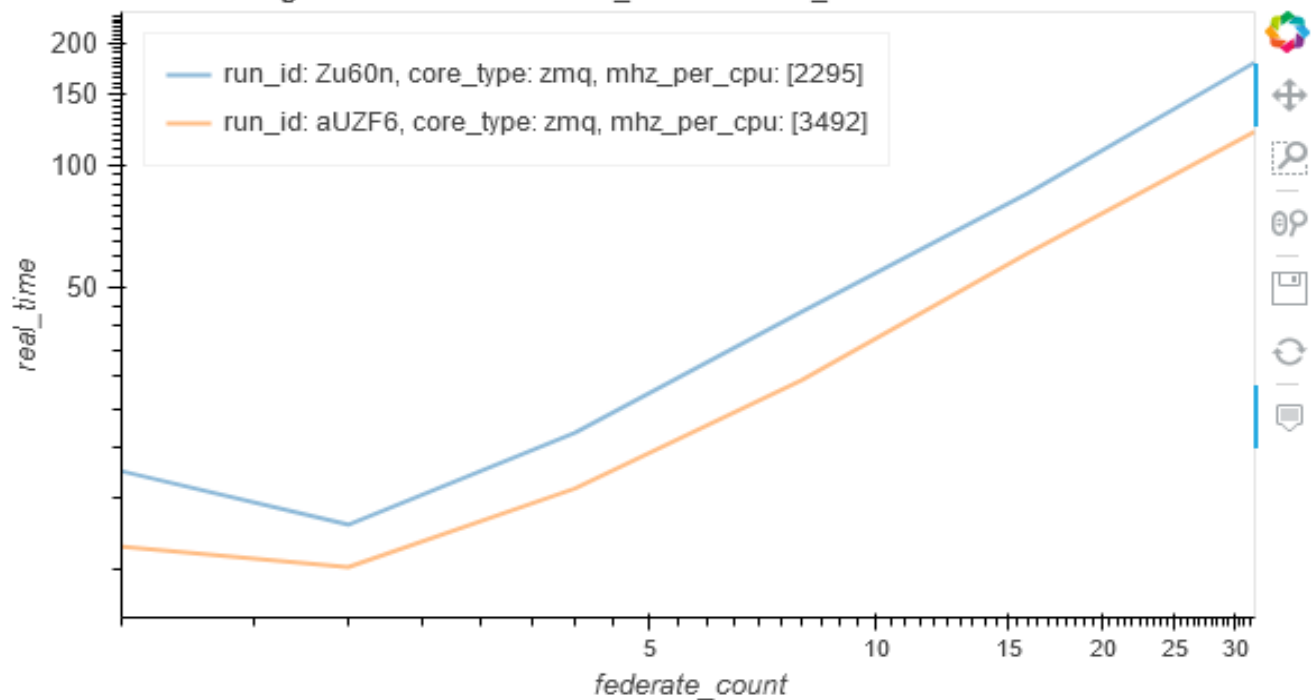
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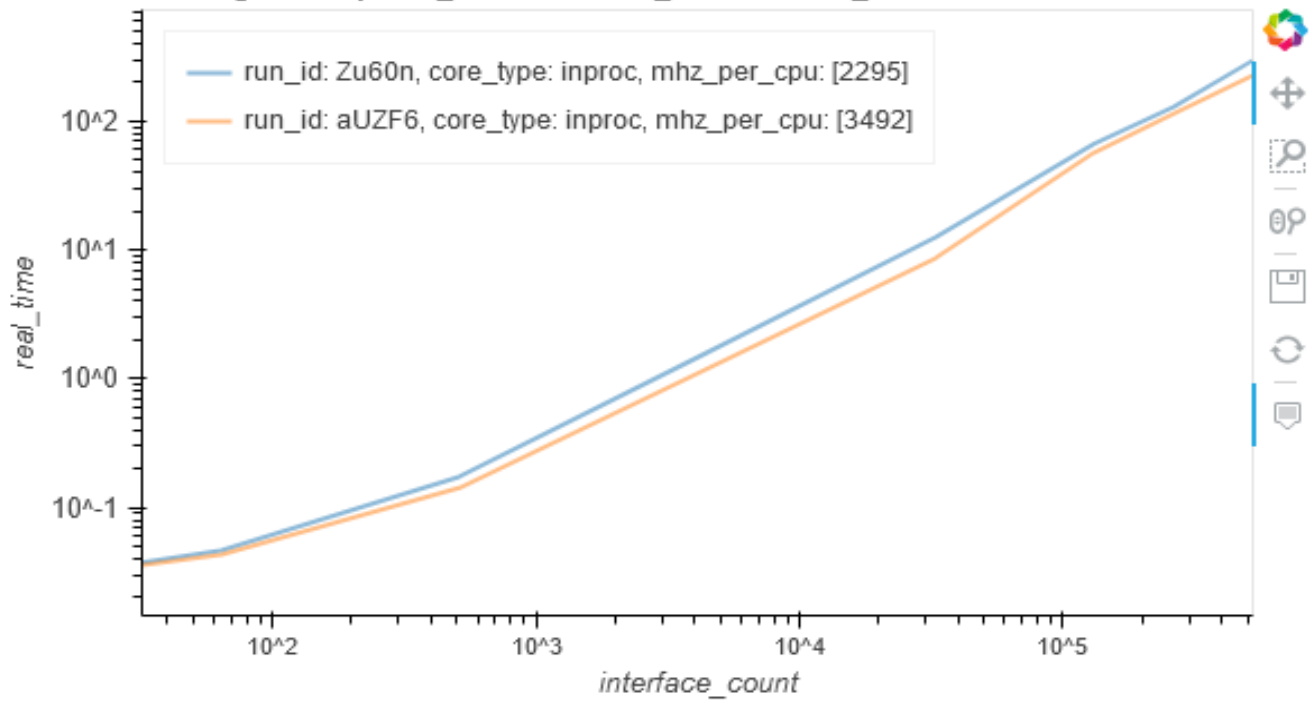
echoMessageBenchmark: federate\_count vs real\_time



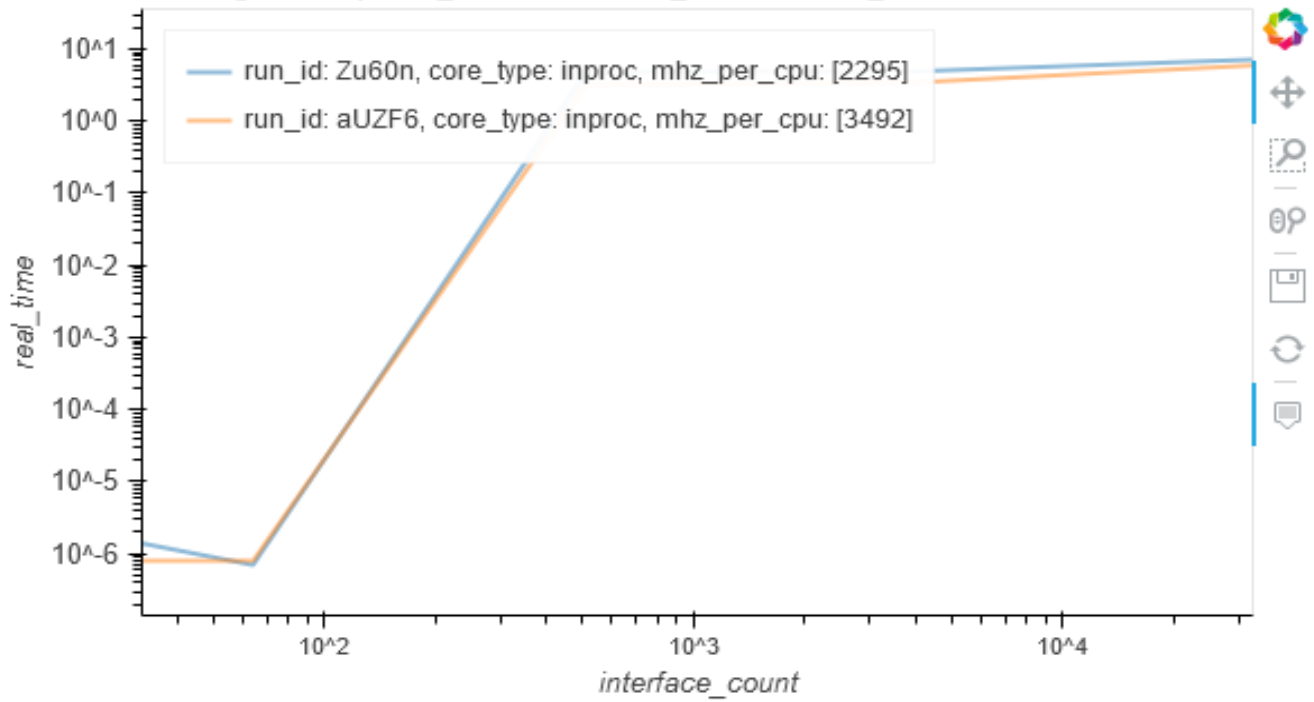
echoMessageBenchmark: federate\_count vs real\_time

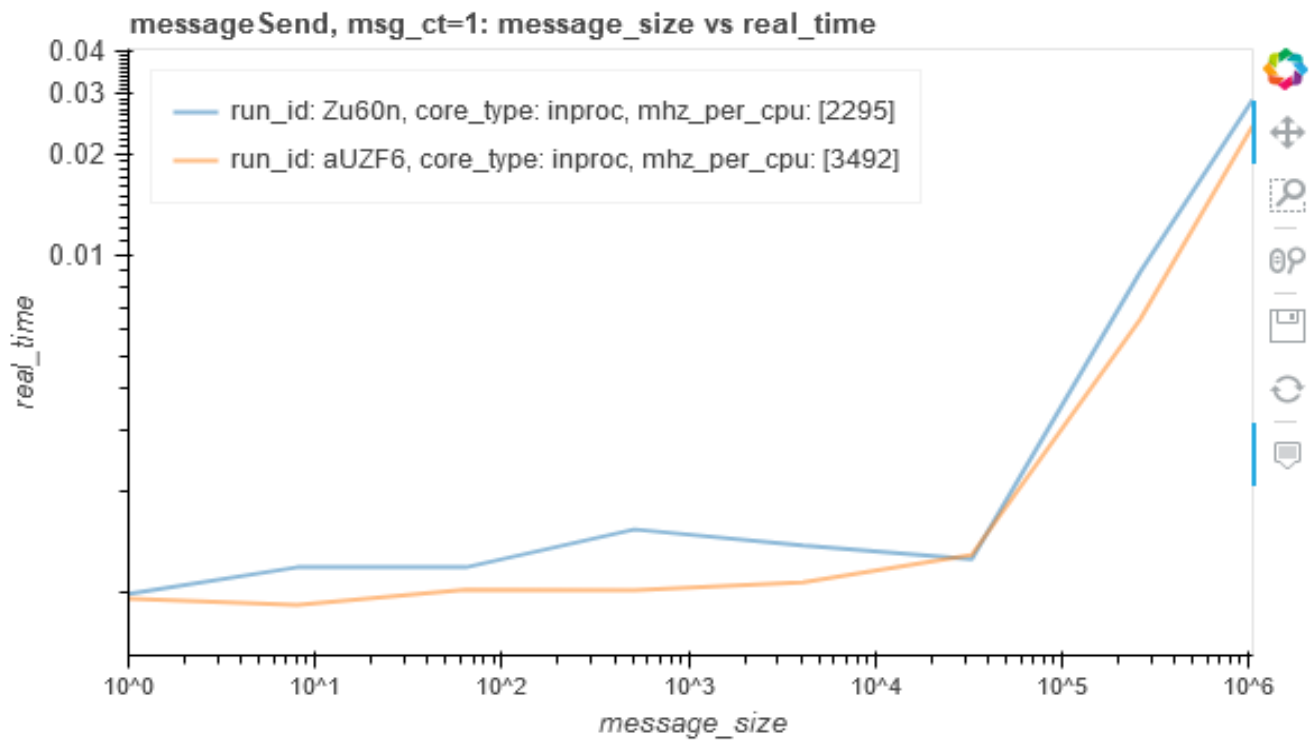
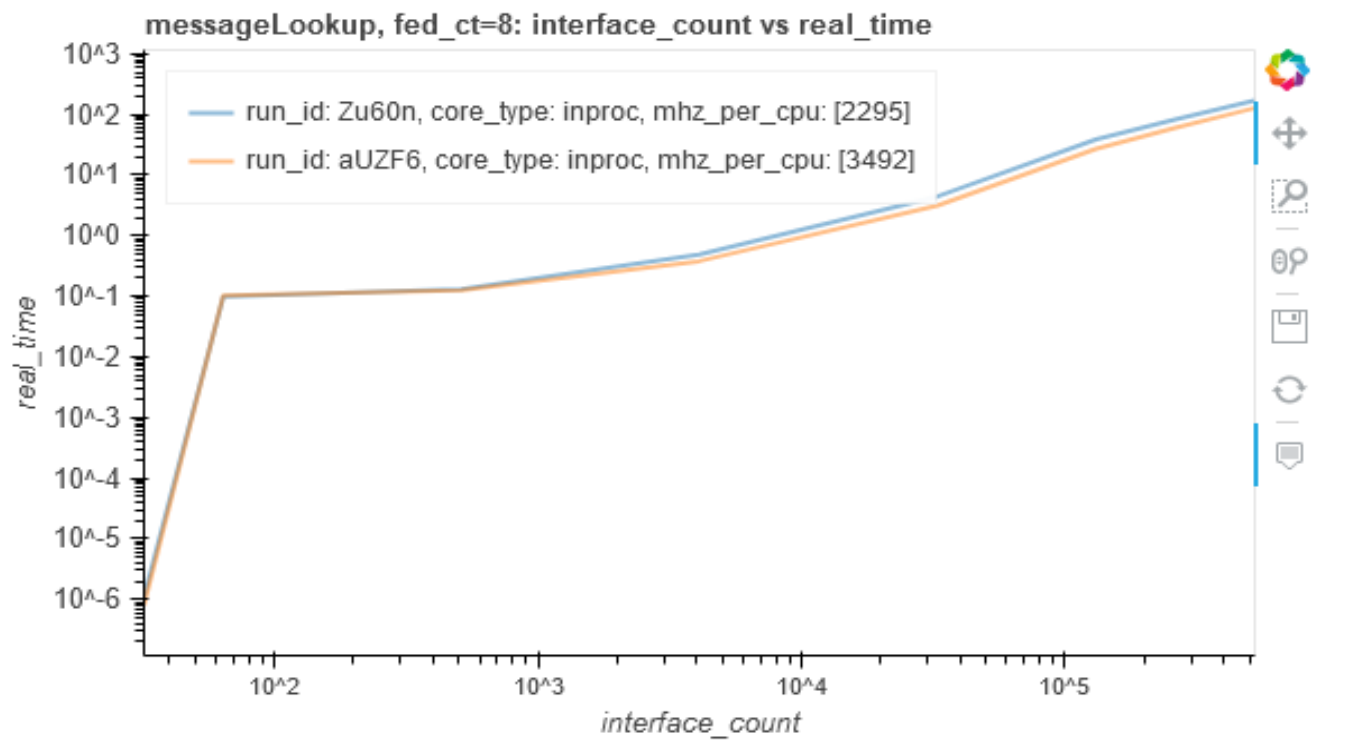


messageLookup, fed\_ct=2: interface\_count vs real\_time

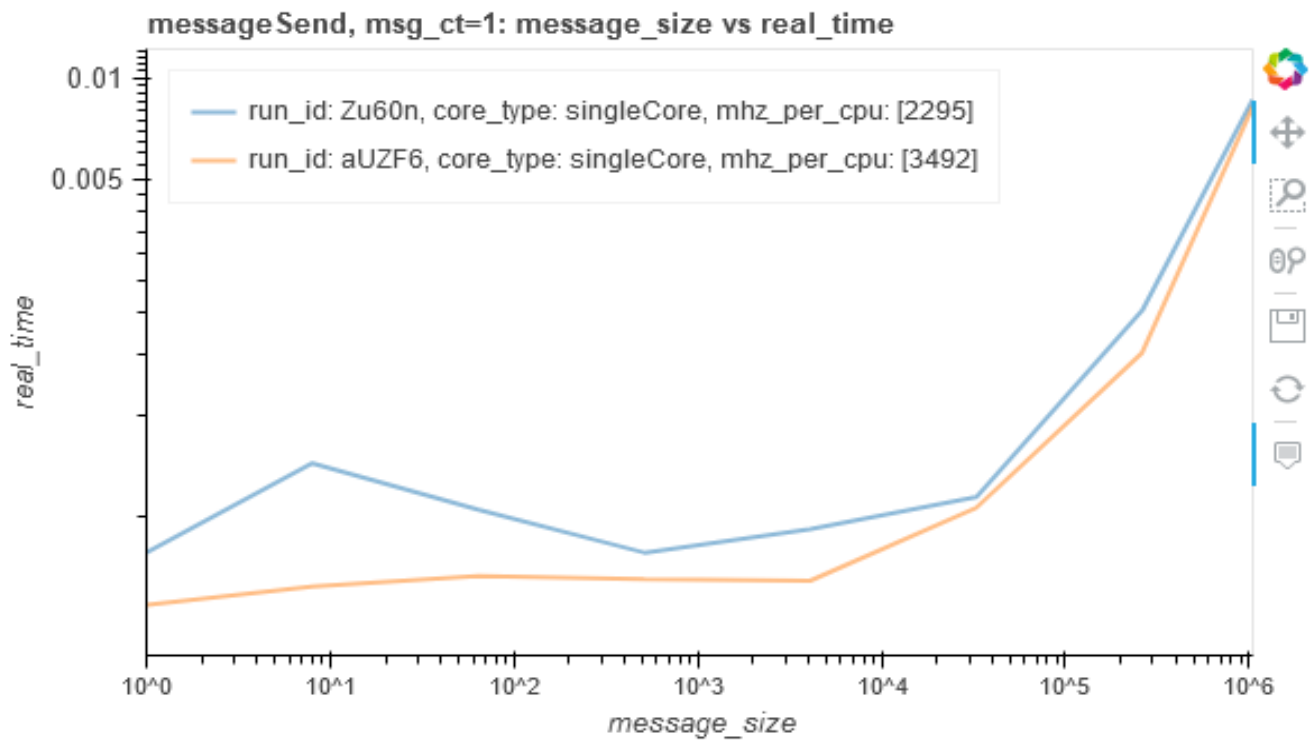
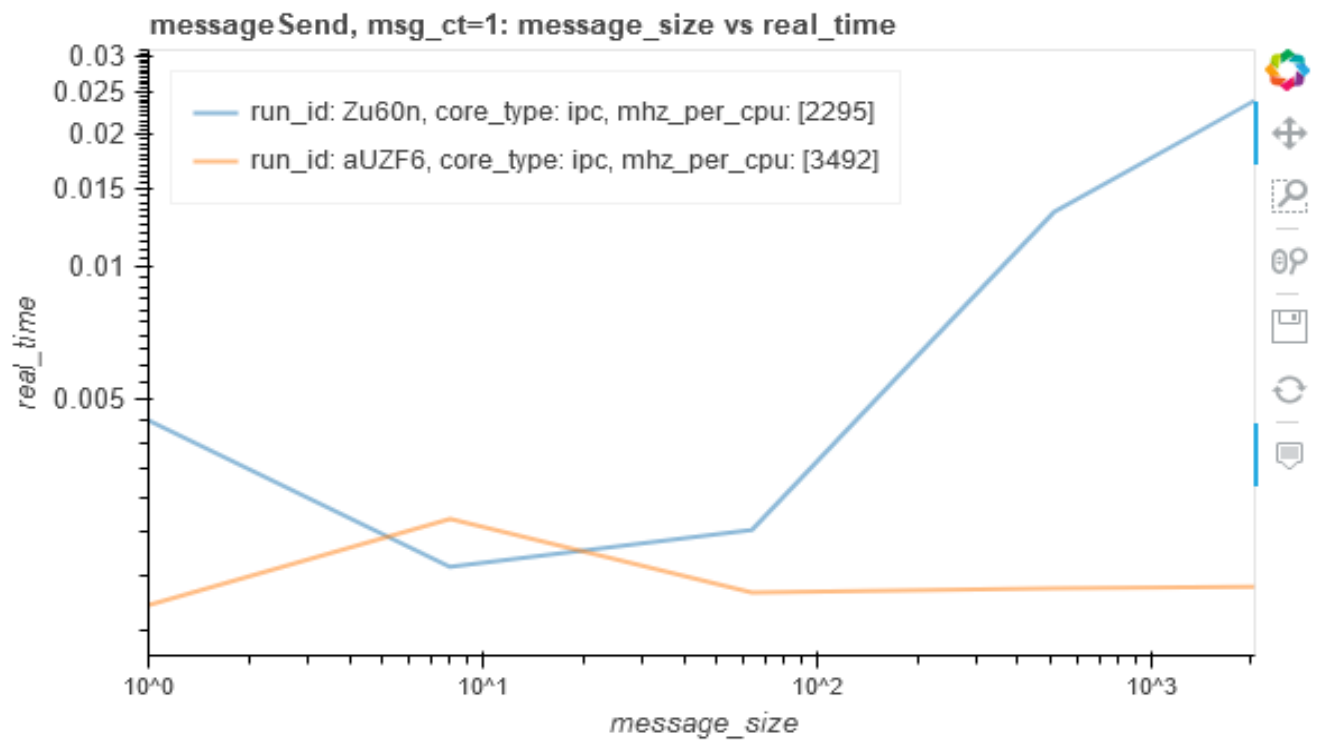


messageLookup, fed\_ct=64: interface\_count vs real\_time

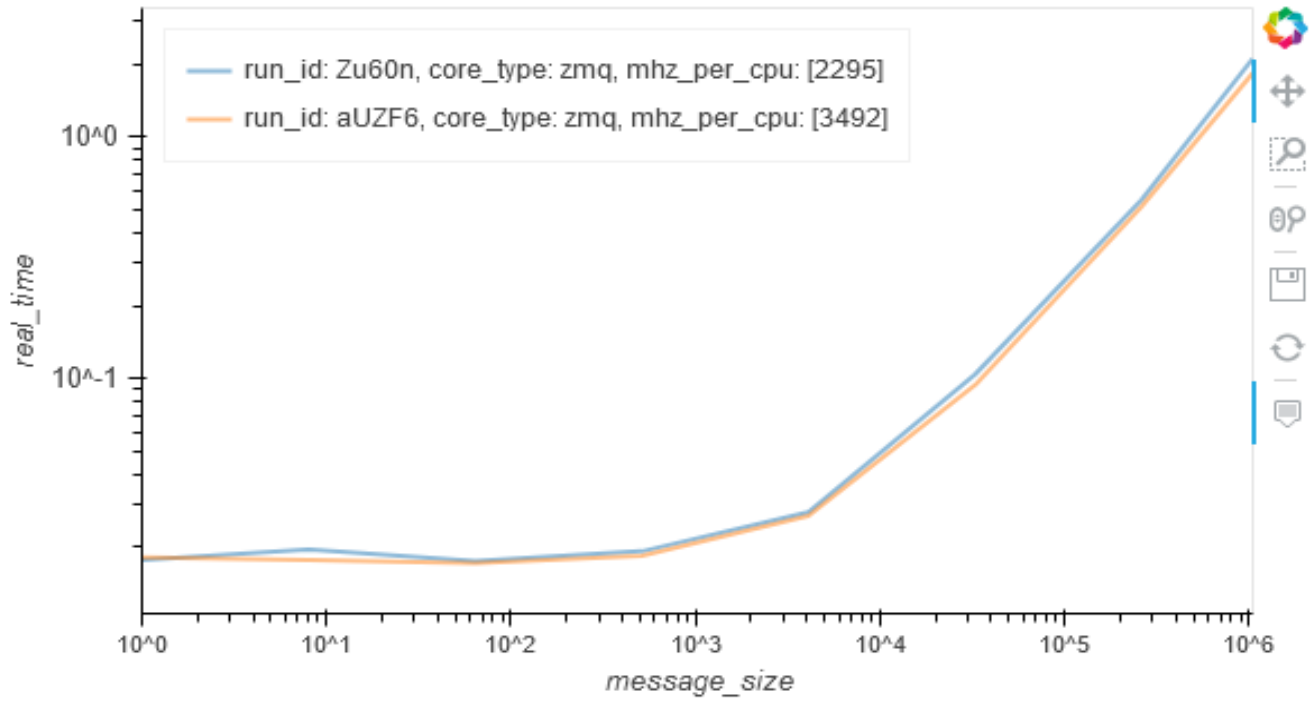




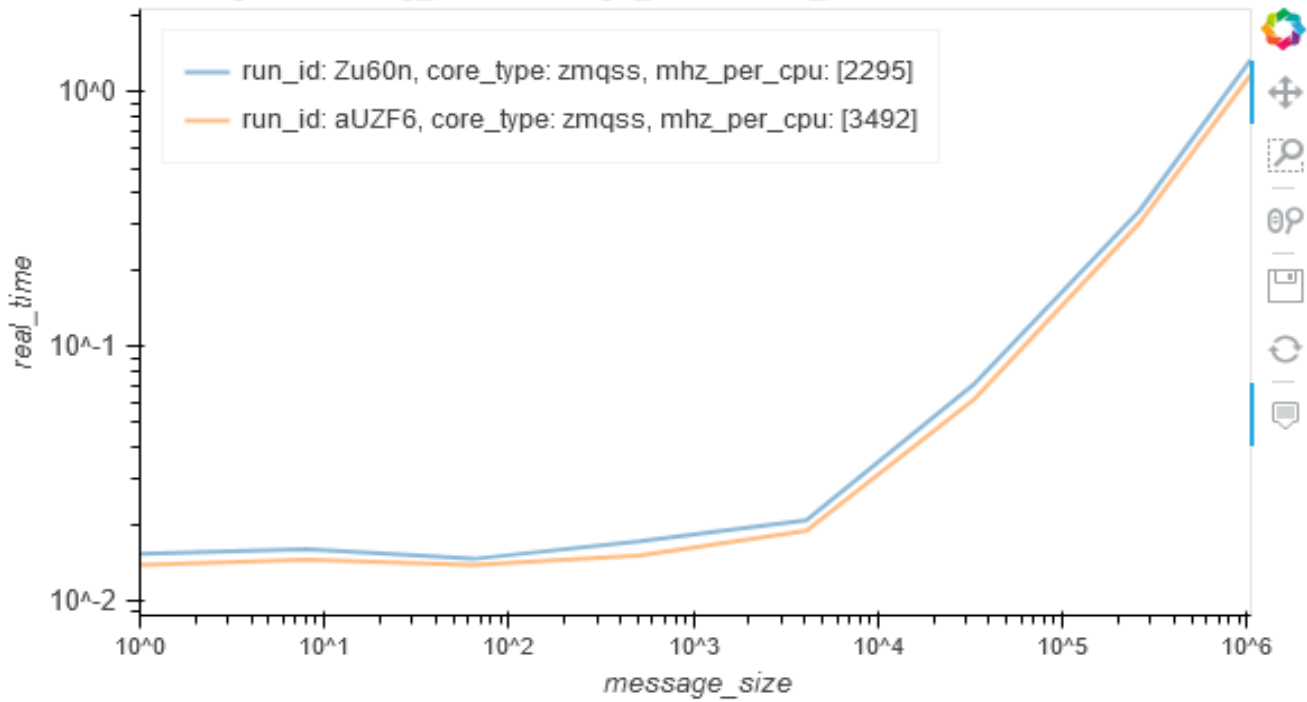




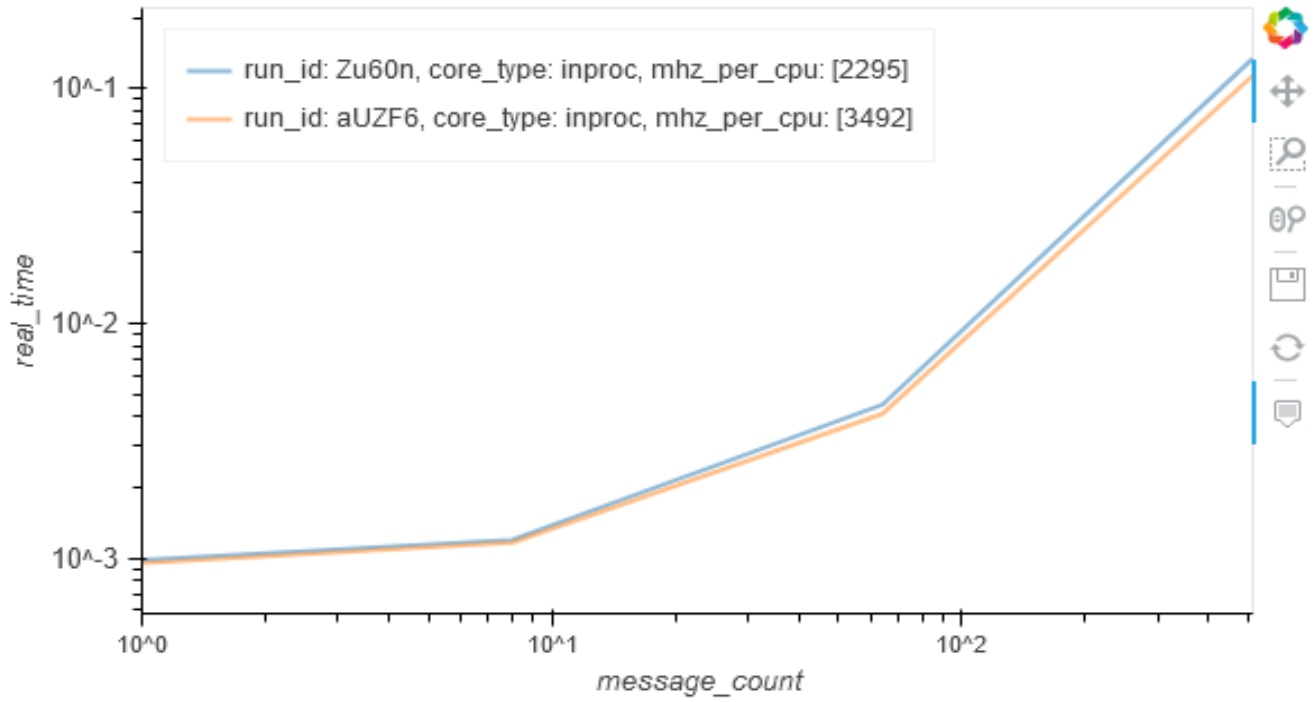
messageSend, msg\_ct=1: message\_size vs real\_time



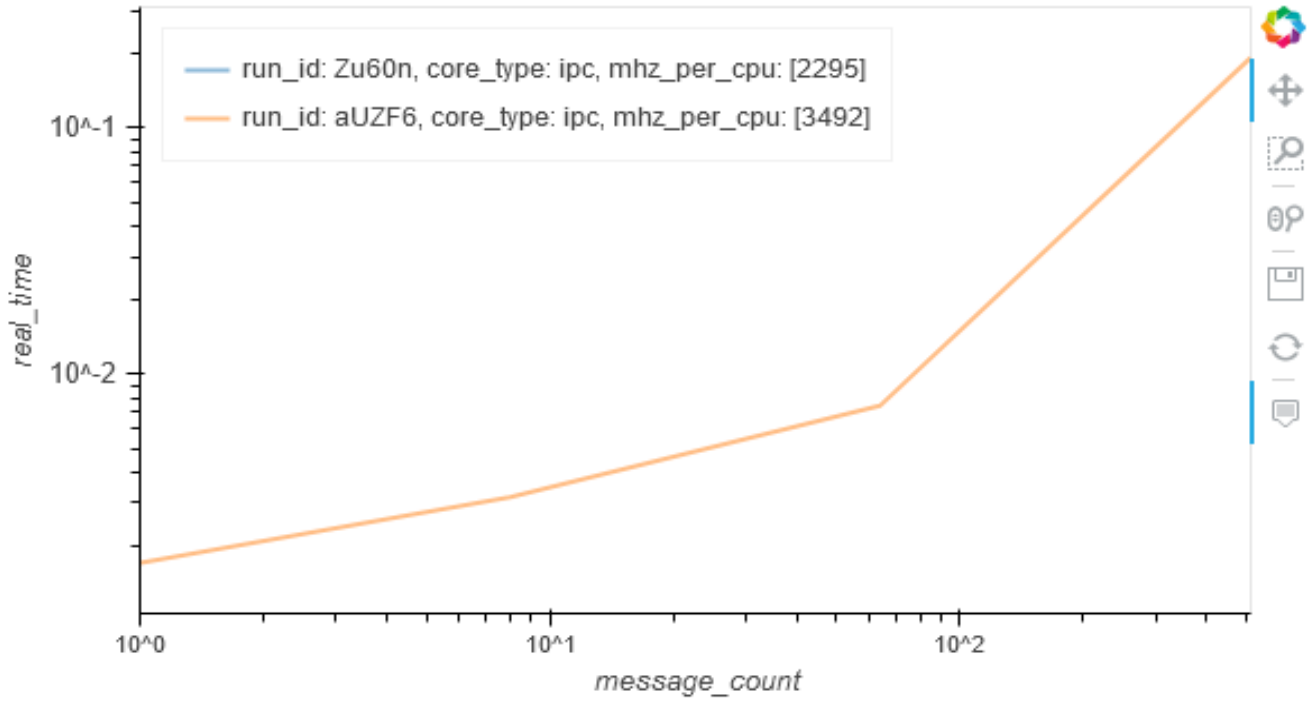
messageSend, msg\_ct=1: message\_size vs real\_time



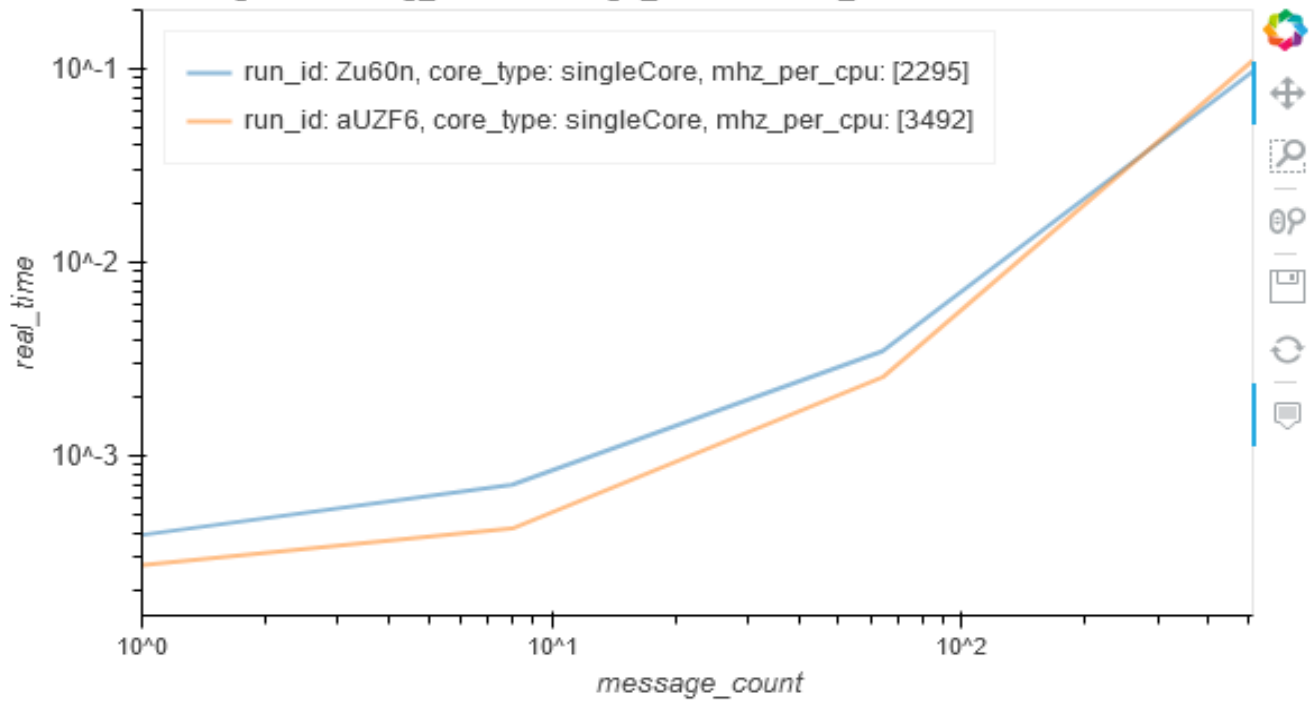
messageSend, msg\_sz=1: message\_count vs real\_time



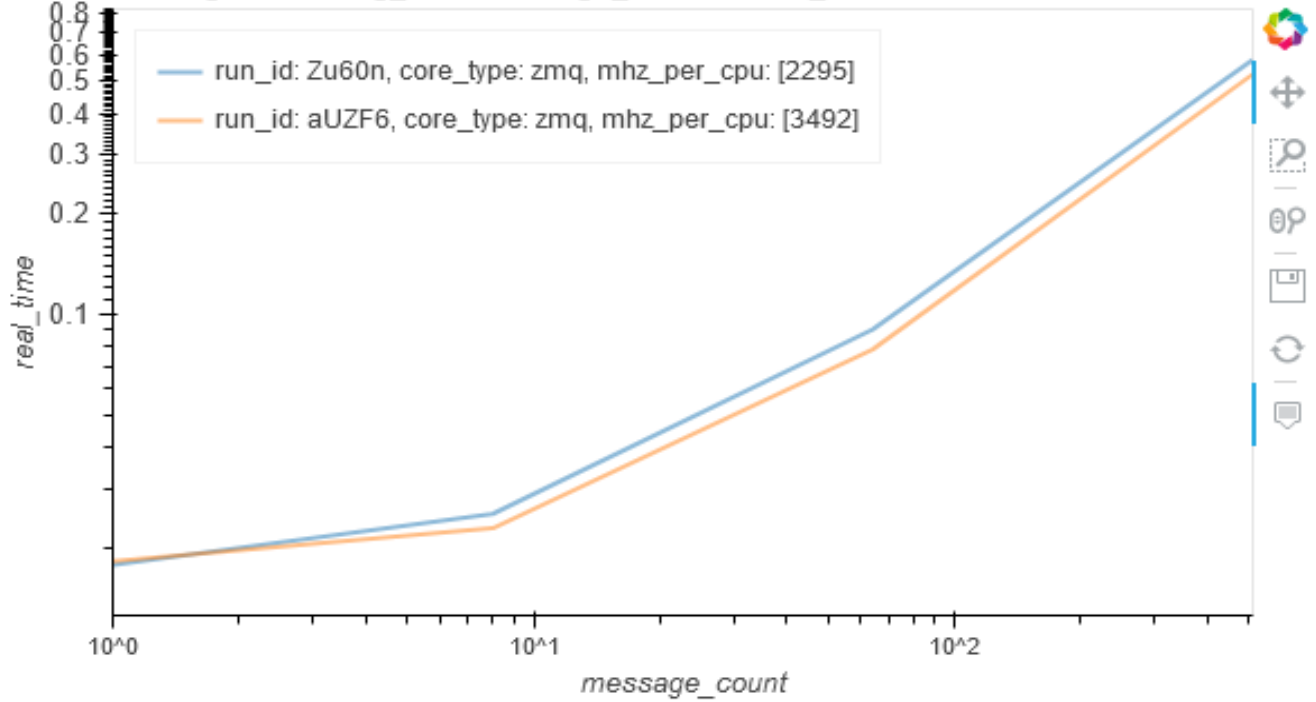
messageSend, msg\_sz=1: message\_count vs real\_time

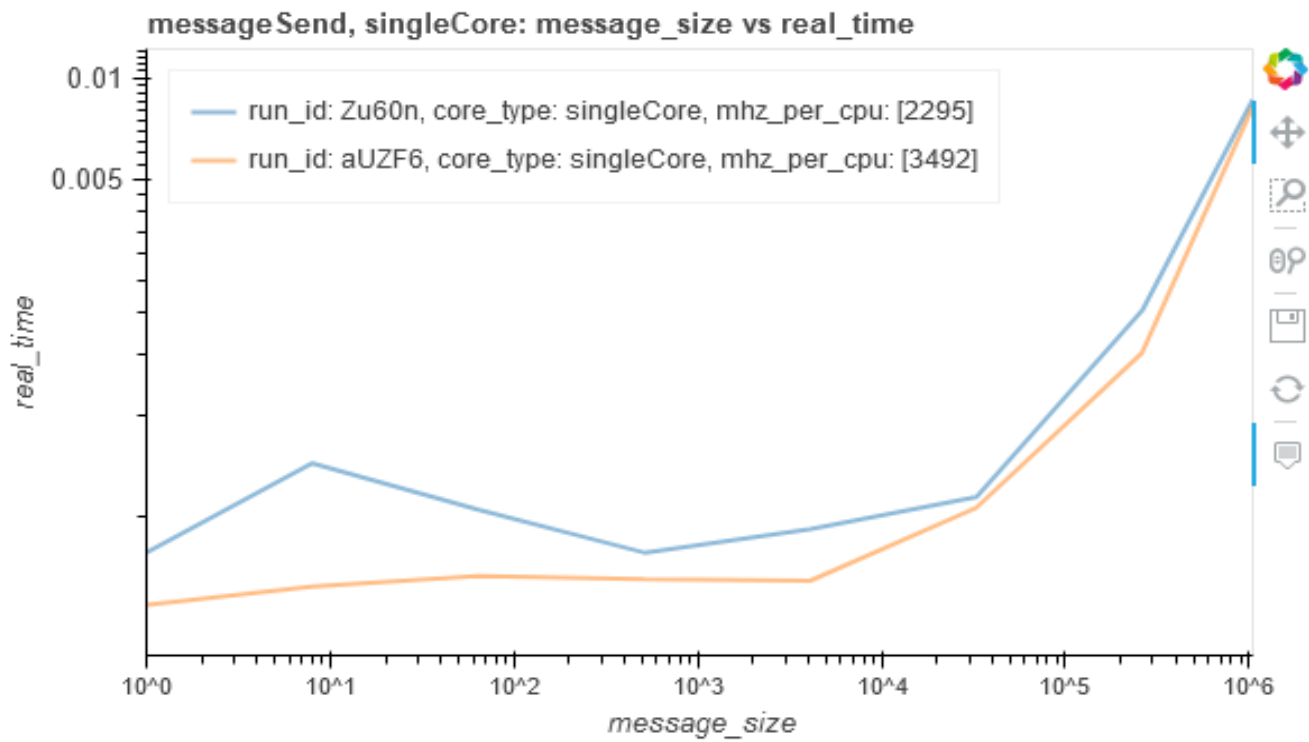
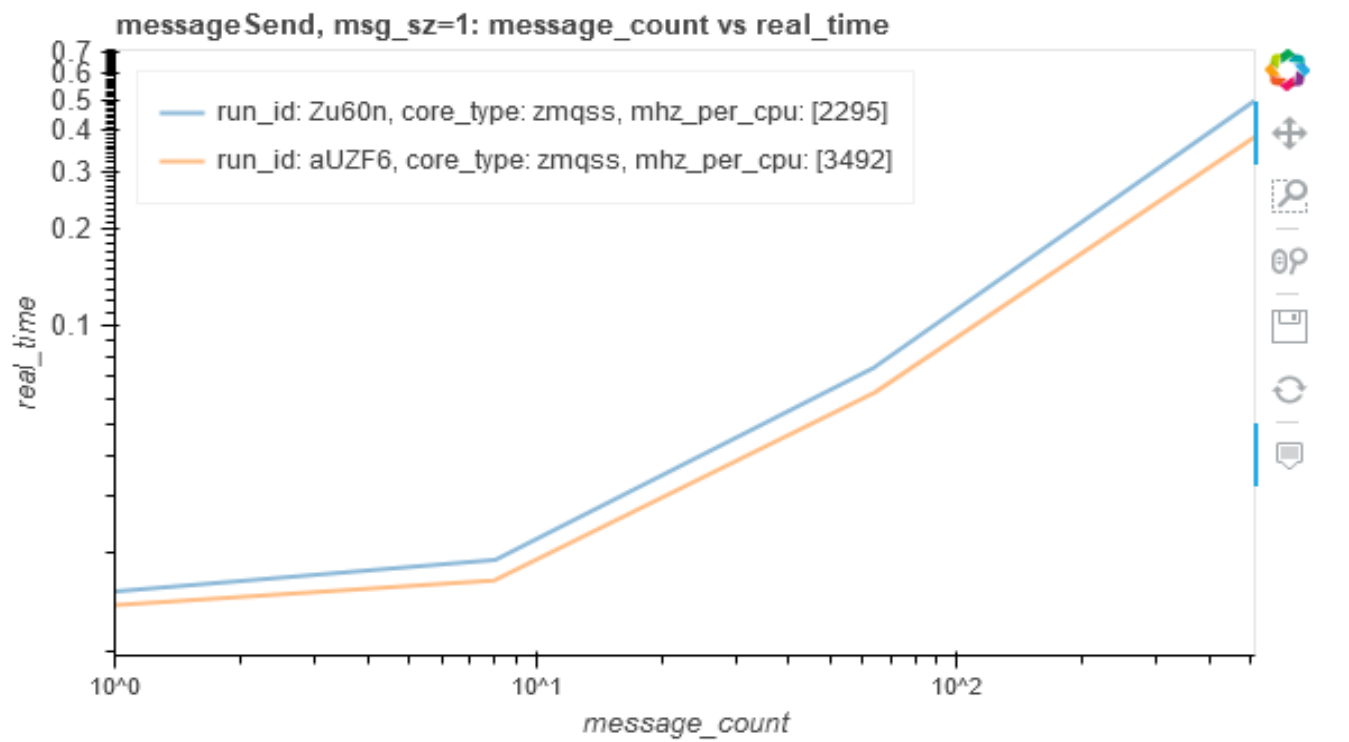


messageSend, msg\_sz=1: message\_count vs real\_time

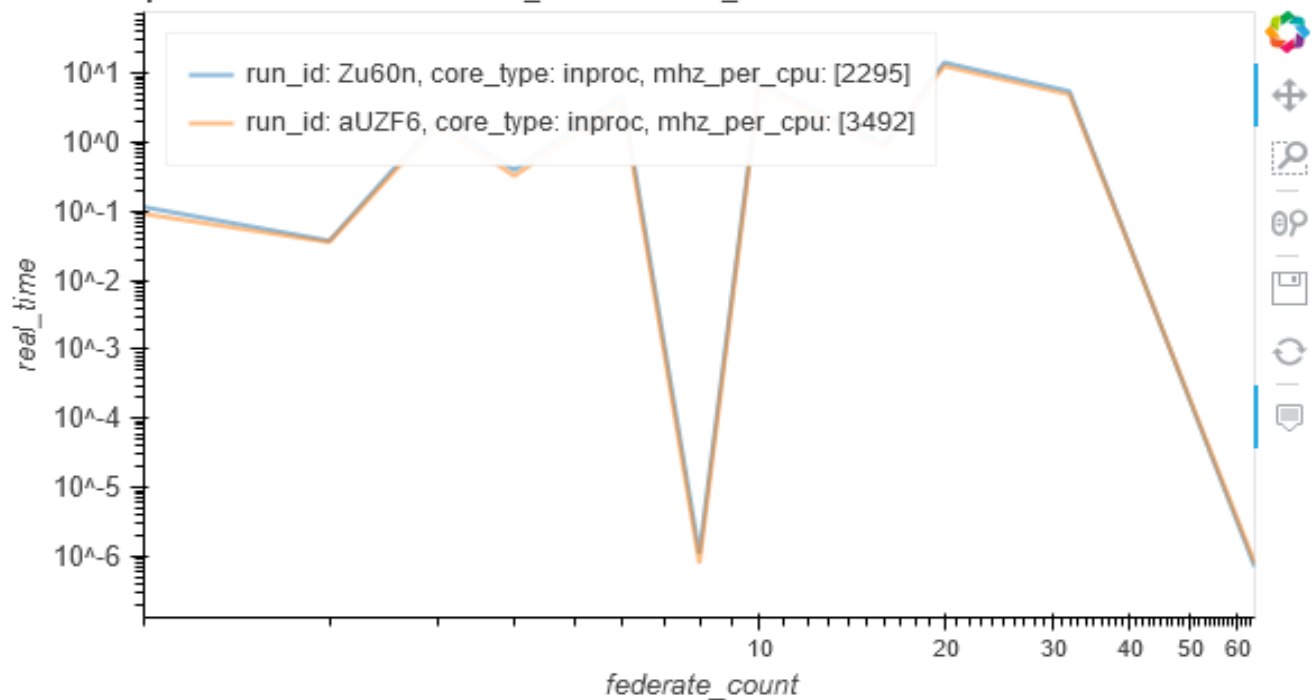


messageSend, msg\_sz=1: message\_count vs real\_time

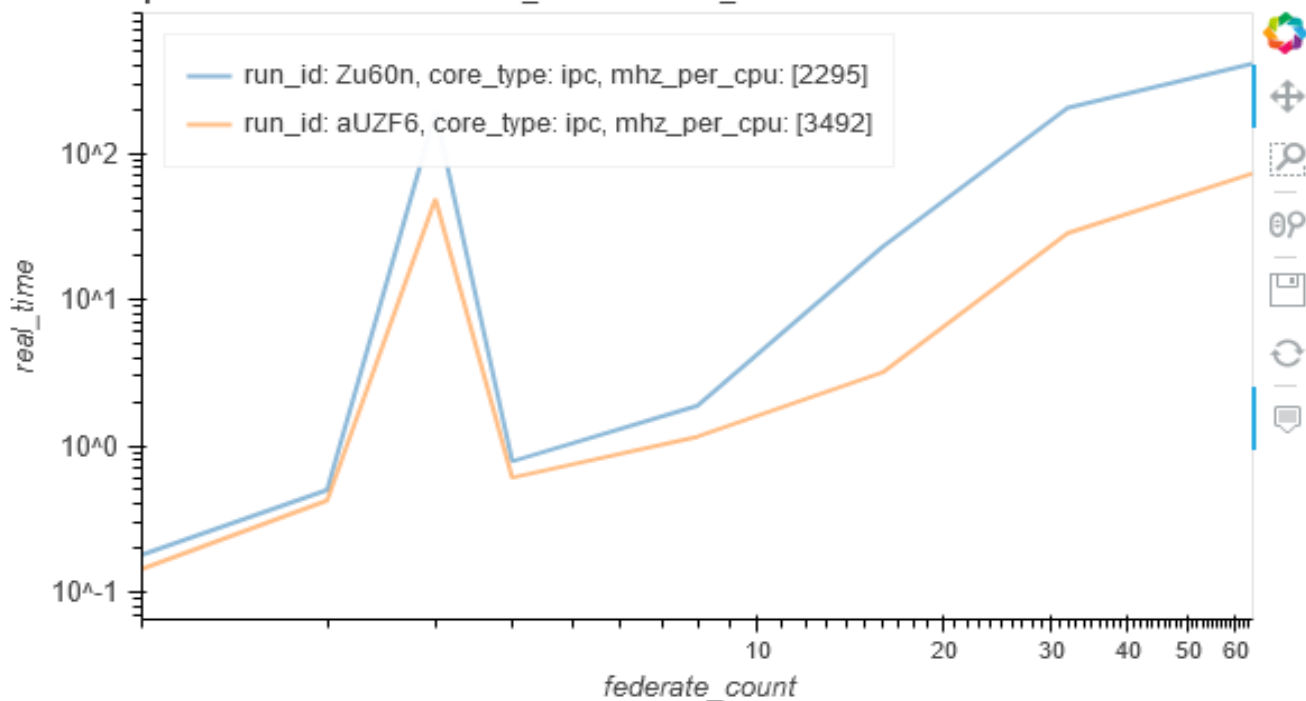




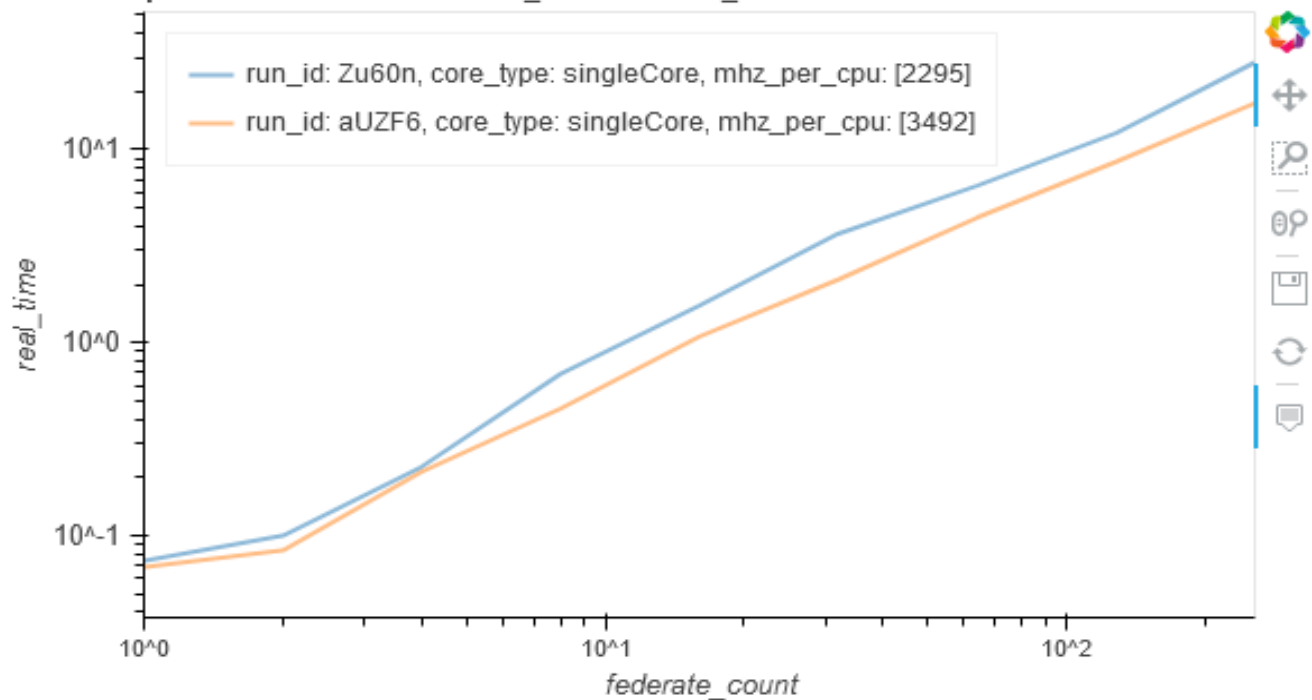
pholdBenchmark: federate\_count vs real\_time



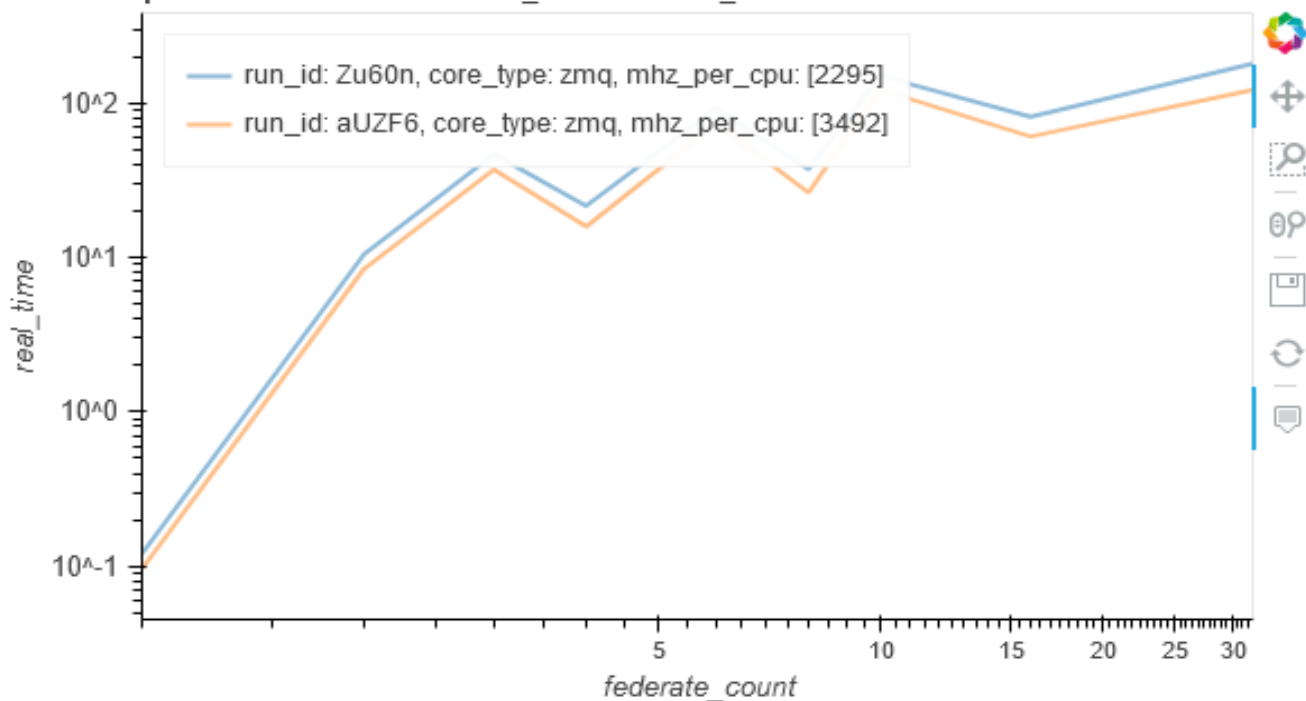
pholdBenchmark: federate\_count vs real\_time



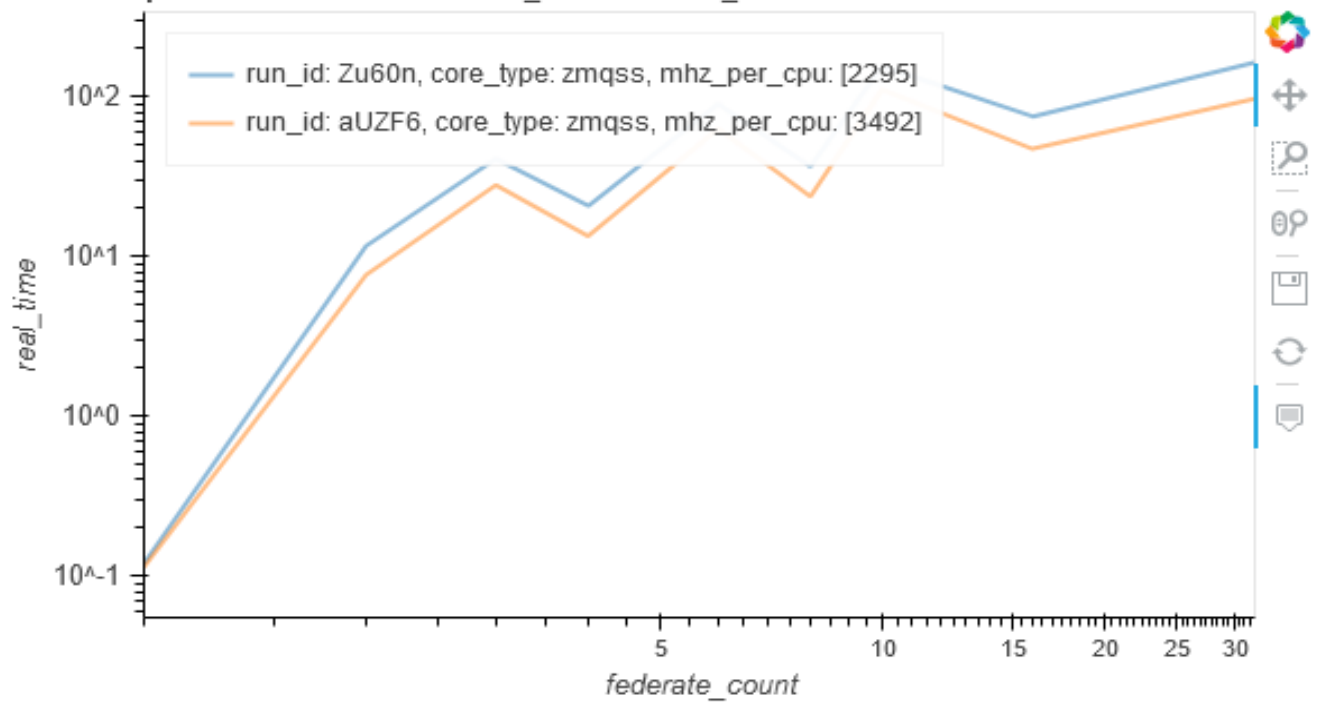
pholdBenchmark: federate\_count vs real\_time



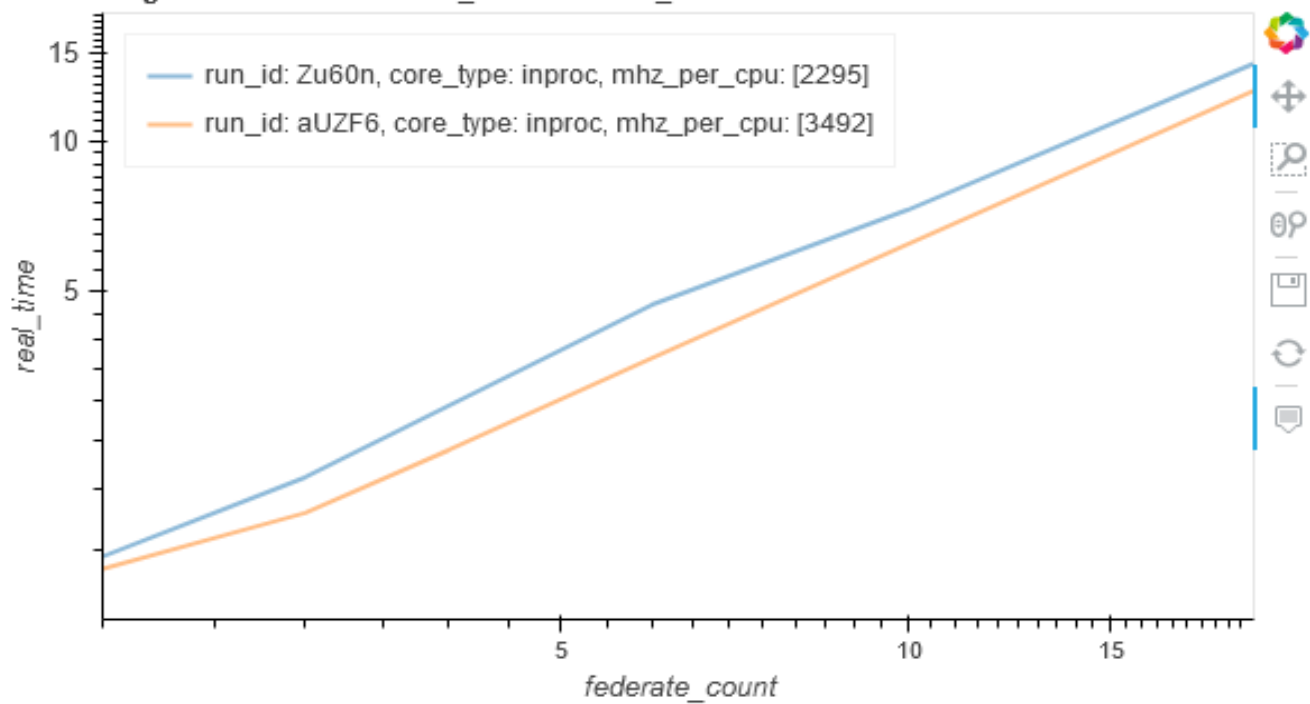
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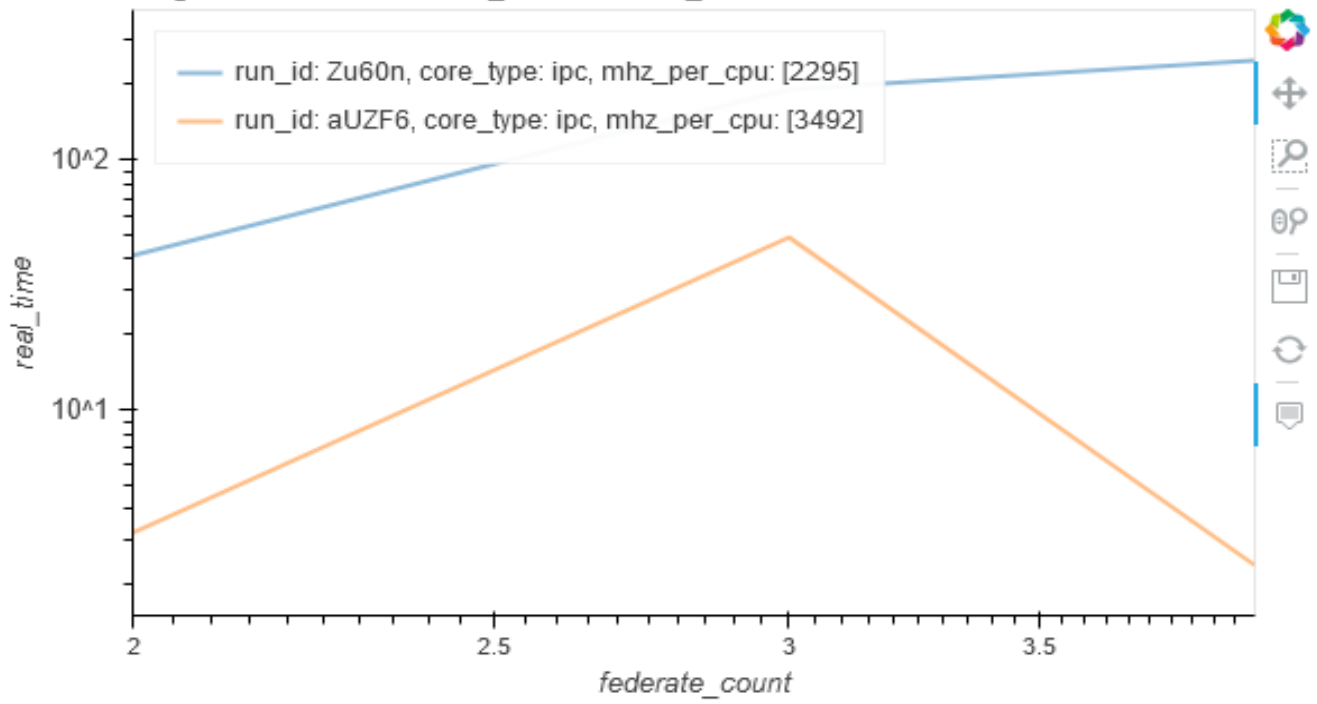


ringBenchmark: federate\_count vs real\_time

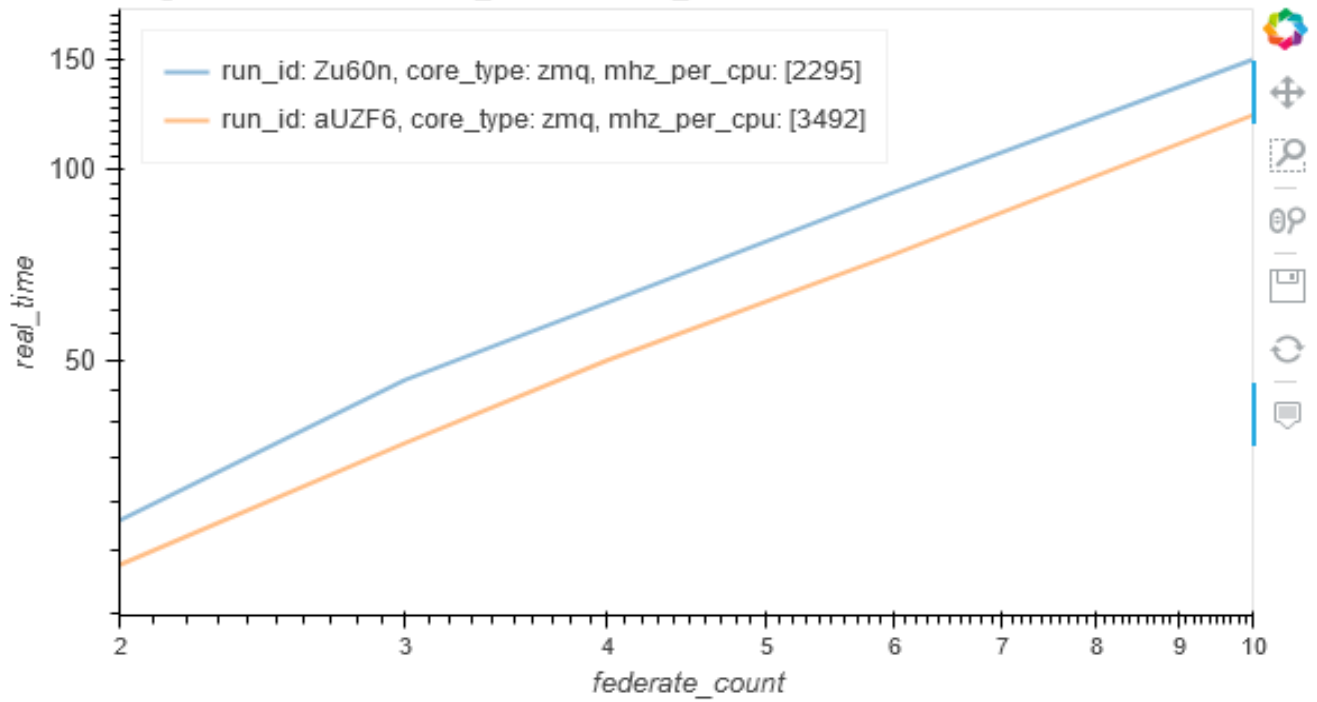




ringBenchmark: federate\_count vs real\_time



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