COMPARISON OF ASYNCHRONOUS APEX EXECUTION METHODS IN SALESFORCE

	1 FUTURE	MORE THAN 1 FUTURE	1 QUEUEABLE	MORE THAN 1 QUEUEABLE	1 BATCH	MORE THAN 1 BATCH	1 SCHEDULE	MORE THAN 1 SCHEDULE
FUTURE	NO ERROR: First error: Future method cannot be called from a future or batch method SOLUTION: **Prefer Queueable Apex**	NO	YES	NO ERROR: First error: Too many queueable jobs added to the queue: 2 SOLUTION: **One Queueable → One Next Queueable (chain sequentially).**	NO ERROR: First error: Database.executeBatch cannot be called from a batch start, batch execute, or future method. SOLUTION: **Use Queueable Apex or Scheduled Apex for chaining.**	NO	YES	YES
QUEUEABLE	YES	YES	YES	NO ERROR: Too many queueable jobs added to the queue: 2 SOLUTION: **One Queueable → One Next Queueable (chain sequentially).**	YES	YES	YES	YES
BATCH	NO ERROR: First error: Too many future calls: 1 SOLUTION: **Use Queueable Apex**	NO	YES	NO First error: Too many queueable jobs added to the queue: 2 SOLUTION: **One Queueable → One Next Queueable (chain sequentially).**	YES	YES	YES	YES
SCHEDULE	YES	YES	YES	YES	YES	YES	YES	YES