

## tf.bitwise.bitwise\_and

```
bitwise_and(  
    x,  
    y,  
    name=None  
)
```

Defined in `tensorflow/python/ops/gen_bitwise_ops.py`.

Elementwise computes the bitwise AND of `x` and `y`.

The result will have those bits set, that are set in both `x` and `y`. The computation is performed on the underlying representations of `x` and `y`.

## Args:

- `x`: A `Tensor`. Must be one of the following types: `int8`, `int16`, `int32`, `int64`, `uint8`, `uint16`.
- `y`: A `Tensor`. Must have the same type as `x`.
- `name`: A name for the operation (optional).

## Returns:

A `Tensor`. Has the same type as `x`.

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